ÖNEMLİ NOT:
Quiz soruları, olası hatalara karşı tek tek yeniden kontrol edilmemiştir. Bu nedenle, soruların ve doğru cevapların doğruluğunu kontrol etmek tamamen sizin sorumluluğunuzdadır. Sorular, yalnızca yoğun talep üzerine tarafınıza sunulmuştur ve birebir aynılarının sınavda çıkacağına dair herhangi bir garanti bulunmamaktadır fakat sınavda benzer tarzda sorular olacaktır.

IMPORTANT NOTE:
The quiz questions have not been individually rechecked for potential errors. Therefore, it is your responsibility to verify the questions and their correct answers. The questions have been provided to you solely upon high demand, and there is no guarantee that the exact same ones will appear in the exam but similar style will be followed.

Kahoot

HRU-VENG4-Week3 For Week 2

Sorular (20)

Quiz

What does "Autonomously" mean?

- Acting independently ✓
- Needing constant input ✗
- Following a strict path ✗
- Based on pre-set rules ✗

Quiz

Translate "Integration" into Turkish.

- Entegrasyon ✓
- Araştırma ✗
- Modelleme ✗
- Çıkarım ✗

Quiz

"Rudimentary" means something is?

- Basic or primitive ✓
- Highly advanced ✗
- Structurally complex ✗
- Experimentally tested ✗

Quiz

What is a "Programmatic" approach?

- Automated coding methods ✓
- Manual programming ✗
- Graph-based modeling ✗
- Randomized trials ✗

Quiz

Translate "Emulator" into Turkish.

Öykünücü	✓
İşlemci	✗
Çıkarım	✗
Modelleme	✗

Quiz

"Memory Management" refers to?

Handling system memory	✓
Managing navigation	✗
Storing images	✗
Observing automation	✗

Quiz

What does "Navigation" relate to in computing?

Moving through interfaces	✓
Automating decisions	✗
Data structuring	✗
OCR scanning	✗

Quiz

"Pathfinding" is commonly used in?

Route optimization	✓
Data security	✗
Automating documents	✗
Paradigm shifts	✗

Quiz

What is the Turkish translation of "Algorithm"?

- Algoritma ✓
- Çıkarım ✗
- Yordamlama ✗
- Deneyimleme ✗

Quiz

"Extraction" refers to?

- Retrieving specific data ✓
- Storing files ✗
- Observing behavior ✗
- Creating models ✗

Quiz

Translate "Structured" into Turkish.

- Yapılandırılmış ✓
- Araştırılmış ✗
- Gözlemlenmiş ✗
- Yöntemsel ✗

Quiz

"OCR" stands for?

- Optical Character Recognition ✓
- Ordered Computation Relay ✗
- Optical Coding Review ✗
- Object Classification Result ✗

Quiz

What is the purpose of "Observability" in systems?

- Monitoring system behavior ✓
- Automating processes ✗
- Encoding data ✗
- Extracting information ✗

Quiz

Translate "Automation" into Turkish.

- Otomasyon ✓
- Yordamlama ✗
- Deneyimleme ✗
- Paradigma ✗

Quiz

"Experimentation" in technology is used for?

- Testing new approaches ✓
- Automating common tasks ✗
- Observing memory ✗
- Extracting data ✗

Quiz

What is the meaning of "Paradigm" in computing?

- A fundamental model ✓
- A temporary methodology ✗
- An experimental system ✗
- A programmatic error ✗

Quiz

Translate "Methodologies" into Turkish.

- Yöntemler ✓
- Gözlemler ✗
- Modellemeler ✗
- Otomasyon ✗

Quiz

What does "Implementation" mean?

- Applying a method ✓
- Observing data ✗
- Extracting features ✗
- Managing storage ✗

Quiz

"Technical" relates to?

- Specialized knowledge ✓
- Experimental models ✗
- Optical storage ✗
- Randomized processing ✗

Quiz

Translate "Capabilities" into Turkish.

- Yetenekler ✓
- Yöntemler ✗
- Yapılar ✗
- Deneyimler ✗

Kahoot

HRU-VENG4-Week3-Listening Quiz

Sorular (10)

Quiz

What is the main issue with using old computers today?

- The internet is too demanding ✓
- Old computers cannot run any OS ✗
- Windows is outdated ✗
- Linux does not work on them ✗

Quiz

Why do modern websites struggle on old hardware?

- They have too many multimedia elements ✓
- They use outdated code ✗
- They block old browsers ✗
- They lack updates ✗

Quiz

What plugin was used to help with video playback?

- h264 FI plugin ✓
- JavaScript Optimizer ✗
- Ad Blocker ✗
- Video Booster ✗

Quiz

What browser was used for testing on an old laptop?

- Pale Moon ✓
- Google Chrome ✗
- Mozilla Firefox ✗
- Microsoft Edge ✗

Quiz

What is a suggested solution to improve web browsing on old systems?

- Using an ad blocker ✓
- Increasing RAM ✗
- Switching to Windows 11 ✗
- Removing the hard drive ✗

Quiz

Why does changing the operating system not solve the issue completely?

- The internet itself is too resource-heavy ✓
- Linux does not support old hardware ✗
- Windows is always better ✗
- Computers need antivirus ✗

Quiz

What problem did the Guardian website cause on the old laptop?

- It used 100% CPU ✓
- It crashed the system ✗
- It blocked the browser ✗
- It loaded too fast ✗

Quiz

What happens when trying to play a video on YouTube with an old CPU?

- The system lags heavily ✓
- The video loads instantly ✗
- The internet disconnects ✗
- The CPU cools down ✗

Quiz

What alternative use for the old laptop was suggested?

- As a file server ✓
- As a gaming PC ✗
- As a streaming device ✗
- As a cryptocurrency miner ✗

Quiz

What does the video conclude about the internet and old PCs?

- The internet is not designed for old PCs ✓
- Old PCs just need more RAM ✗
- Websites should remove ads ✗
- Old computers run Windows 11 fine ✗

Kahoot

HRU-VENG4-Week4 for Week3

Sorular (20)

Quiz

What does topology refer to in computing?

- The structure of a network ✓
- The process of encryption ✗
- A machine-learning model ✗
- The speed of a processor ✗

Quiz

Translate collateral into Turkish.

- İkincil ✓
- Bütünleşik ✗
- Rastgele ✗
- İnceleme ✗

Quiz

What does minimization involve?

- Reducing the size or complexity ✓
- Expanding a data set ✗
- Avoiding errors ✗
- Analyzing trends ✗

Quiz

If something is done arbitrarily, how is it done?

- Without a specific rule ✓
- Based on evidence ✗
- After deep research ✗
- Following strict guidelines ✗

Quiz

A subcluster refers to?

- A smaller group within a cluster ✓
- A new data structure ✗
- A type of sorting algorithm ✗
- An optimization method ✗

Quiz

Translate anomalies into Turkish.

- Sapmalar ✓
- Kavramlar ✗
- Deneyler ✗
- Birleşimler ✗

Quiz

What does it mean to recursively process data?

- To apply the same function repeatedly ✓
- To delete old records ✗
- To generate random data ✗
- To run parallel processes ✗

Quiz

Translate semantic into Turkish.

- Anlamsal ✓
- Sayısal ✗
- Görsel ✗
- Rastgele ✗

Quiz

Which sentence best describes a misconception?

- A false belief ✓
- A well-supported fact ✗
- A scientific law ✗
- A computational process ✗

Quiz

Incorporation means?

- Integrating elements into a whole ✓
- Separating unrelated parts ✗
- Debugging code ✗
- Calculating probabilities ✗

Quiz

What does mitigation refer to in risk assessment?

- Reducing the impact of a problem ✓
- Increasing data redundancy ✗
- Maximizing system performance ✗
- Preventing optimization ✗

Quiz

Translate disparity into Turkish.

- Eşitsizlik ✓
- Yüksek Performans ✗
- Anlamsızlık ✗
- Rastgele ✗

Quiz

Quantification is related to?

- Measuring and assigning numerical values ✓
- Removing duplicates ✗
- Enhancing images ✗
- Encrypting text ✗

Quiz

What does amplification refer to?

- Increasing the intensity of something ✓
- Removing unnecessary data ✗
- Refining a hypothesis ✗
- Storing compressed files ✗

Quiz

Convergence in technology often describes?

- Different technologies coming together ✓
- A system failure ✗
- The decline of an industry ✗
- A random occurrence ✗

Quiz

To extrapolate data means?

- To predict future trends from existing data ✓
- To delete irrelevant details ✗
- To minimize uncertainty ✗
- To merge two sets of information ✗

Quiz

Refinement involves?

- Improving the quality of something ✓
- Removing errors ✗
- Decreasing storage ✗
- Avoiding calculations ✗

Quiz

Translate volatility into Turkish.

- Değişkenlik ✓
- Bütünleşme ✗
- Sistematiklik ✗
- Rastgele ✗

Quiz

Proliferation refers to?

- Rapid increase in number or spread ✓
- Reducing complexity ✗
- Finding patterns ✗
- Avoiding obfuscation ✗

Quiz

Obfuscation is used in cybersecurity to?

- Make data harder to interpret ✓
- Encrypt sensitive files ✗
- Organize datasets ✗
- Generate new passwords ✗

Kahoot

HRU-VENG4-Week4-Listening Quiz

Sorular (10)

Quiz

How does the naming system for Intel's new processors affect consumers?

- It can be confusing ✓
- It makes models clearer ✗
- It removes product variations ✗
- It simplifies choices ✗

Quiz

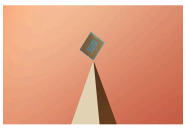
What is the key focus of V Series Core Ultra processors?

- Efficiency and battery life ✓
- High performance ✗
- Extreme overclocking ✗
- Cooling technology ✗

Quiz

Which letter identifies high-efficiency Intel processors?

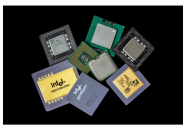
- V ✓
- H ✗
- X ✗
- Z ✗



Quiz

What makes H Series processors different from V Series processors?

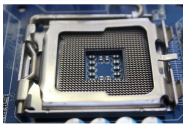
- They prioritize performance over efficiency ✓
- They consume less power ✗
- They are designed for slim laptops ✗
- They cannot run AI applications ✗



Quiz

What is the main benefit of Core Ultra processors compared to previous I...

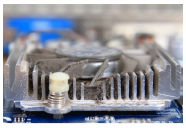
- Longer battery life ✓
- Lower graphics performance ✗
- Increased laptop weight ✗
- Higher power consumption ✗



Quiz

What is an NPU in Core Ultra processors used for?

- AI-based tasks ✓
- Controlling battery usage ✗
- Managing temperature ✗
- Enhancing screen resolution ✗



Quiz

Why is power consumption important in Core Ultra processors?

- It affects battery life and heat generation ✓
- It increases frame rates ✗
- It makes processors slower ✗
- It reduces clock speed ✗

Quiz

What makes the Core Ultra 9 processor unique?

- It has a higher power output (30W) ✓
- It has 12 physical cores ✗
- It is only available in desktops ✗
- It consumes less energy than Core Ultra 5 ✗

Quiz

How should you compare Intel’s V Series and H Series processors?

- Compare them within their own series ✓
- Compare them across all models ✗
- They are identical in performance ✗
- They are designed for the same tasks ✗

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Kahoot

HRU-VENG4-Week5 for Week4

Sorular (20)

Quiz

What is the primary function of a microprocessor?

Executes instructions in a computer	✓
Manages memory allocation	✗
Controls the power supply	✗
Stores long-term data	✗

Quiz

Object orientation in programming focuses on?

Encapsulation, inheritance, and polymorphism	✓
Writing only functional code	✗
Reducing software size	✗
Eliminating all dependencies	✗

Quiz

Interprocess communication (IPC) is used for?

Enabling processes to exchange data	✓
Storing data on a server	✗
Enhancing CPU speed	✗
Running software in real-time	✗

Quiz

What is the purpose of garbage collection in programming?

Automatically managing memory	✓
Reducing CPU power usage	✗
Storing temporary files	✗
Increasing clock speed	✗

Quiz

Storage allocation refers to?

- Managing memory for data storage ✓
- Increasing CPU cache size ✗
- Organizing network packets ✗
- Reducing clock speed ✗

Quiz

What is a sign of over-engineered software?

- Excessive complexity without added value ✓
- Optimized and scalable code ✗
- High clock speed ✗
- Efficient memory management ✗

Quiz

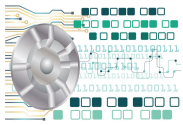
A block diagram represents?

- System components and their relationships ✓
- A specific programming language ✗
- A data encryption method ✗
- CPU clock speeds ✗

Quiz

Semiconductors are used in microprocessors because?

- They control electrical conductivity ✓
- They store large amounts of data ✗
- They improve battery life ✗
- They prevent system overheating ✗



Quiz

Instruction pipeline in CPU design helps to?

- Increase execution efficiency ✓
- Store data for future use ✗
- Improve network bandwidth ✗
- Reduce power consumption ✗

Quiz

Metal Oxide Semiconductor (MOS) technology is commonly used for?

- Fabricating integrated circuits ✓
- Storing encryption keys ✗
- Managing memory access ✗
- Generating clock pulses ✗

Quiz

Clock speed in a processor is measured in?

- GHz (Gigahertz) ✓
- MHz (Megabytes) ✗
- kHz (Kilohertz) ✗
- TFlops (Tera Floating Points) ✗

Quiz

The Memory Management Unit (MMU) is responsible for?

- Translating virtual addresses to physical addresses ✓
- Managing the CPU cache ✗
- Controlling input/output devices ✗
- Increasing storage capacity ✗

Quiz

In real-mode, memory addressing is?

- Direct and limited to 1MB ✓
- Dynamic and unlimited ✗
- Only used in modern CPUs ✗
- Independent of physical hardware ✗

Quiz

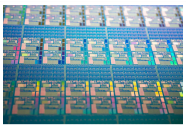
Protected-mode provides?

- Enhanced memory protection and multitasking ✓
- Direct hardware access ✗
- Unlimited CPU clock speed ✗
- Higher data compression ✗

Quiz

Virtual-mode allows?

- Running multiple operating systems ✓
- Increasing processor frequency ✗
- Disabling memory protection ✗
- Reducing CPU cycles ✗



Quiz

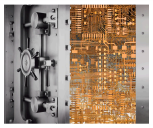
Which method is used in addressing in modern microprocessors?

- Virtual memory addressing ✓
- Direct memory manipulation ✗
- Hardware-locked memory ✗
- Uncached data transfer ✗

Quiz

A commodity microcomputer is characterized by?

- Being mass-produced and widely available ✓
- Having highly specialized hardware ✗
- Using only custom-designed processors ✗
- Running at extremely low power ✗



Quiz

A stranglehold in the tech industry refers to?

- A dominant company restricting competition ✓
- A method of reducing CPU heat ✗
- A feature that speeds up memory access ✗
- A way to protect firmware from modification ✗

Quiz

Firmware is?

- Software stored in non-volatile memory ✓
- A type of high-speed RAM ✗
- A temporary OS backup ✗
- A cloud-based security feature ✗

Quiz

EPROM (Erasable Programmable Read-Only Memory) is unique because?

- It can be erased using UV light ✓
- It cannot be modified once written ✗
- It is faster than RAM ✗
- It requires frequent updates ✗

Kahoot

HRU-VENG4-Week5-Listening

Sorular (10)

Quiz

What is unique about today's technological revolution?

Five innovation platforms are evolving at the same time	✓
AI is replacing all jobs	✗
Automation is slowing down economic growth	✗
Only one major technology is leading the change	✗

Quiz

Which three innovations drove economic change in the early 1900s?

Telephone, electricity, and automobile	✓
AI, blockchain, and robotics	✗
Printing press, radio, and steam engine	✗
Internet, biotech, and quantum computing	✗

Quiz

Which technology is NOT part of the five innovation platforms mentione...

Quantum computing	✓
Artificial intelligence	✗
Blockchain	✗
Robotics	✗

Quiz

What is the key impact of AI on economic growth, according to Cathie W...

AI will accelerate productivity and growth rates	✓
AI will increase inflation	✗
AI will reduce global GDP	✗
AI will only impact developed economies	✗

Quiz

Which principle from Moore's Law is being surpassed by AI advancement...

- Training costs are dropping 70% per year ✓
- Chip performance doubles every two years ✗
- Cloud computing is replacing hardware ✗
- Software updates are becoming automated ✗

Quiz

What is a major example of technological convergence given in the talk?

- Autonomous taxi platforms ✓
- Quantum computing research ✗
- Virtual reality games ✗
- E-commerce growth ✗

Quiz

According to the talk, how will generative AI influence productivity?

- Knowledge workers will become four times more productive ✓
- Job automation will cause mass unemployment ✗
- AI will replace 90% of human decision-making ✗
- AI will increase physical labor demand ✗

Quiz

What economic shift does Cathie Wood predict as a result of AI-driven in...

- GDP growth rates will rise to 6-9% ✓
- Economic growth will stagnate ✗
- Governments will regulate AI growth ✗
- AI-driven companies will decrease in value ✗

Quiz

What contradiction does the speaker highlight regarding inflation and AI?

- AI will create deflation while central banks expect inflation ✓
- AI will cause hyperinflation ✗
- AI will make inflation predictable ✗
- AI will eliminate financial markets ✗

Quiz

What is Cathie Wood's final message to investors and innovators?

- Get on the right side of change and embrace innovation ✓
- Avoid AI-driven companies ✗
- Invest only in traditional markets ✗
- Economic growth will remain unchanged ✗

Kahoot

HRU-VENG4-Week6 for Week5

Sorular (20)

Quiz

What does it mean if a technology is described as ubiquitous?

It is used in large enterprises only	✗
It’s visible in media frequently	✗
It is present everywhere and commonly used	✓
It is limited to academic settings	✗

Quiz

Analogical reasoning helps in AI by?

Comparing datasets only	✗
Drawing parallels between domains	✓
Calculating probabilities	✗
Predicting future prices	✗

Quiz

What does decomposing a problem involve?

Deleting unnecessary code	✗
Rewriting it from scratch	✗
Breaking it into smaller parts	✓
Memorizing its components	✗

Quiz

In AI models, parameters usually refer to?

Fixed code instructions	✗
Input from sensors	✗
Variables that guide behavior	✓
File size limits	✗

Quiz

A stochastic process is characterized by?

- Being linear and consistent ✗
- Following a fixed logic path ✗
- Containing elements of randomness ✓
- Always being deterministic ✗

Quiz

Reasoning in AI systems attempts to mimic?

- Physical responses ✗
- Human cognitive processes ✓
- Cloud architecture ✗
- Hardware interactions ✗

Quiz

What defines an autonomous system?

- It depends on manual input ✗
- It operates with supervision ✗
- It runs independently ✓
- It follows a single command only ✗

Quiz

What is the goal of iteration in algorithm design?

- Reducing redundancy ✗
- Avoiding repetition ✗
- Repeating a process for refinement ✓
- Returning to the first state ✗

Quiz

The term cognitive relates primarily to?

- Behavioral output ✗
- Physical attributes ✗
- Mental processes like judgment ✓
- Data storage techniques ✗

Quiz

What does it mean for a technology to be democratized?

- It's governed by elected users ✗
- It's available to only experts ✗
- It's restricted for profit ✗
- It's accessible to the general public ✓

Quiz

Automation differs from manual processes because it?

- Requires human oversight ✗
- Executes only once ✗
- Operates with minimal human input ✓
- Always costs more to implement ✗

Quiz

An epiphany in AI development might refer to?

- A sudden clarity about a complex problem ✓
- A long debugging process ✗
- A repeated bug in deployment ✗
- A visual representation of data ✗

Quiz

Regurgitating information in AI systems implies?

- Deep learning of concepts ✗
- Purely memorized output ✓
- Real-time reasoning ✗
- Adaptive behavior ✗

Quiz

How does memorization differ from conceptual learning?

- It focuses on understanding ✗
- It prevents knowledge decay ✗
- It involves rote repetition ✓
- It improves problem-solving ✗

Quiz

Refinement in development processes aims to?

- Increase complexity ✗
- Eliminate logic ✗
- Make small, iterative improvements ✓
- Create entirely new systems ✗

Quiz

Why is validation critical in AI models?

- To ensure algorithms are encrypted ✗
- To test user satisfaction ✗
- To confirm outputs meet expectations ✓
- To monitor CPU usage ✗

Quiz

Backtracking is commonly used in algorithms for?

- Cleaning memory ✗
- Repeating failed steps endlessly ✗
- Exploring alternatives when constraints are unmet ✓
- Enhancing graphical interfaces ✗

Quiz

A superficial analysis by an AI would likely result in?

- Robust predictions ✗
- Shallow or incomplete understanding ✓
- High explainability ✗
- Excellent generalization ✗

Quiz

A constraint in a computational system represents?

- A user-defined feature ✗
- A limit or rule imposed ✓
- A new variable ✗
- A type of output ✗

Quiz

What does implementation refer to in software projects?

- Testing user preferences ✗
- Enforcing regulations ✗
- Putting a system or design into operation ✓
- Explaining source code ✗