

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.



Sorular (20)

Quiz

What is a container in computing? ^

A cloud backup tool



A physical storage device



A self-contained software package



A text file manager



Quiz

What is the main role of an Operating System (OS)? ^

Store all data



Manage hardware and software



Run only games



Scan for viruses



Quiz

A Virtual Machine (VM) is best described as? ^

A physical server



A remote database



A software-based computer



A browser extension



Quiz

What characterizes a microservice architecture? ^

One large application



Split into isolated services



Uses only one programming language







Requires no API communication







Quiz

Container orchestration primarily deals with? ^

	Building containers manually	✗
	Monitoring RAM usage	✗
	Managing multiple containers at scale	✓
	Updating local apps	✗





Quiz

What is the Docker Engine responsible for? ^

	Writing documentation	✗
	Creating and managing containers	✓
	Displaying container logs	✗
	Building websites	✗





Quiz

Docker Swarm is used to? ^

	Encrypt Docker files	✗
	Cluster Docker containers	✓
	Secure CLI access	✗
	Create Docker tutorials	✗

Quiz

Kubernetes is a platform that? ^

	Replaces all Docker tools	✗
	Creates only cloud VMs	✗
	Automates container operations	✓
	Deletes containers permanently	✗

Quiz

A Command-Line Interface (CLI) allows users to? ^



Write code visually

✗



Type commands to interact with tools

✓



Use AI directly

✗



Draw diagrams

✗

Quiz

A daemon is best described as? ^



A malware scanner

✗



A visible program window

✗



A background process

✓



A container name format

✗

Quiz

Dependencies in software refer to? ^



User settings

✗



External libraries required to run

✓



System logs

✗



Installed fonts

✗

Quiz

The kernel in an operating system is responsible for? ^



Displaying the UI

✗



Sending emails

✗



Managing hardware-software interaction

✓







Installing drivers only

✗





Quiz

What are images in Docker? ^

	Editable templates	✗
	Immutable blueprints for containers	✓
	Video files for tutorials	✗
	Databases for APIs	✗





Quiz

Why are volumes important in Docker? ^

	They store backups externally	✗
	They hold logs only	✗
	They preserve data outside containers	✓
	They run containers faster	✗





Quiz

A hybrid cloud combines? ^

	Mobile apps with databases	✗
	Two operating systems	✗
	Local infrastructure with cloud	✓
	AI and machine learning	✗

Quiz

What does a multi-cloud strategy involve? ^

	Using one cloud provider only	✗
	Choosing public clouds only	✗
	Using multiple cloud vendors	✓
	Running containers without orchestration	✗

Quiz

What is a Docker registry used for? ^



Storing database tables

×



Creating user credentials

×



Storing and distributing images

✓



Encrypting Docker commands

×

Quiz

In containerization, security refers to? ^



Password saving

×



Antivirus software only

×



Protection from breaches and attacks

✓



Container coloring scheme

×

Quiz

In orchestration, a node is? ^



A Docker file extension

×



A container version

×



A machine running containers

✓



A system log

×

Quiz

What does runtime describe in software execution? ^



The moment code is compiled

×



A programming style

×



When and where a program executes

✓



A version control system

×

Ayrıntılar

Maks. 200 katılımcı. [Daha fazlası için yükselt](#)

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Medya kaynakları

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Kahoot

HRU-VENG2-Week9-Quiz for Listening

Sorular (10)





Quiz

What job was ranked number one in the U.S. News list? ^

 Doctor	✗
 Software Developer	✓
 Teacher	✗
 Engineer	✗





Quiz

Why was software development considered a dream job? ^

 High salary and flexible hours	✓
 Low stress and short hours	✗
 Traveling worldwide	✗
 No skills needed	✗





Quiz

What caused a big change in the software industry recently? ^

 New hardware	✗
 AI advancement	✓
 Remote work	✗
 More universities	✗

Quiz

What percentage growth was expected for software jobs by 2029 (before AI)? ^

 10%	✗
 22%	✓
 50%	✗
 5%	✗

Quiz

Which company laid off over 16,000 employees as part of its AI focus? ^



Apple

✗



Microsoft

✗



Meta

✓



IBM

✗

Quiz

What can tools like GitHub Copilot do? ^



Create games

✗



Fix networks

✗



Generate code

✓



Translate documents

✗

Quiz

Why are companies hiring fewer developers now? ^



Developers moved abroad

✗



AI can do some of their work

✓



Developers are too expensive

✗



Programming is no longer needed

✗

Quiz

What percentage of tech companies had already used AI for coding in 2024? ^



10%

✗



25%

✗



32%

✓



50%

✗

Quiz

What kind of tasks are developers focusing on now? ^



Building apps from scratch

×



System architecture and AI

✓



Writing documentation

×



Fixing hardware

×

Quiz

What is the overall message of the video? ^



Developers will be replaced forever

×



Developers will work with AI

✓



Developers should quit now

×



AI is stopping progress

×

Ayrıntılar

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Medya kaynakları





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Sorular (20)





Quiz

What does Artificial Intelligence (AI) help computers do? ^

- | | | |
|---|---------------------------------|---|
|  | Do tasks needing human thinking | ✓ |
|  | Send emails automatically | ✗ |
|  | Connect to the internet | ✗ |
|  | Charge mobile phones | ✗ |





Quiz

What is the main purpose of automation in work? ^

- | | | |
|---|---------------------------------|---|
|  | Do tasks with less human effort | ✓ |
|  | Make tasks slower | ✗ |
|  | Create art automatically | ✗ |
|  | Use more people | ✗ |





Quiz

Which best describes an algorithm? ^

- | | | |
|---|--------------------------|---|
|  | Steps to solve a problem | ✓ |
|  | A file name | ✗ |
|  | A computer virus | ✗ |
|  | A kind of computer | ✗ |





Quiz

How does machine learning work? ^

- | | | |
|---|---------------------|---|
|  | It learns from data | ✓ |
|  | It builds houses | ✗ |
|  | It needs no data | ✗ |
|  | It stores files | ✗ |





Quiz

What is an AI model mainly used for? ^

- | | | |
|---|---------------------------------|---|
|  | Making predictions or decisions | ✓ |
|  | Printing documents | ✗ |
|  | Playing music | ✗ |
|  | Sending emails | ✗ |





Quiz

What is the goal of Natural Language Processing (NLP)? ^

- | | | |
|---|---------------------------|---|
|  | Understand human language | ✓ |
|  | Build websites | ✗ |
|  | Fix errors | ✗ |
|  | Run programs faster | ✗ |





Quiz

What is code generation in AI? ^

- | | | |
|---|----------------------------|---|
|  | AI writes programming code | ✓ |
|  | AI draws pictures | ✗ |
|  | AI makes music | ✗ |
|  | AI plays games | ✗ |

Quiz

What is debugging used for in software development? ^

- | | | |
|---|----------------------|---|
|  | Fixing coding errors | ✓ |
|  | Creating designs | ✗ |
|  | Sending reports | ✗ |
|  | Writing stories | ✗ |

Quiz

Which area combines development and operations? ^



DevOps



Debugging



Design thinking



Testing



Quiz

What is infrastructure in technology? ^



Hardware and software systems



A coding language



A design tool



A mobile app



Quiz

How does AI improve productivity? ^



By automating tasks



By slowing work down



By printing reports



By removing managers



Quiz

How can AI help collaboration? ^



It helps teams work together



It makes solo work easier



It creates teams



It replaces meetings



Quiz

What does customisation in software mean? ^



Adapting it to personal needs



Deleting old files



Installing games



Coding from scratch



Quiz

What does deployment refer to? ^



Launching software or updates



Writing code



Making a plan



Testing early versions



Quiz

What is a simulation used for? ^



Training or testing systems



Deleting data



Compressing files



Playing videos



Quiz

What is job displacement caused by? ^



Machines doing human tasks



Internet speed



Higher salaries







Manual labor







Quiz

What does efficiency in AI relate to? ^

	Doing tasks quickly and well	✓
	Reducing computer size	✗
	Sending emails faster	✗
	Making tasks fun	✗





Quiz

What are predictive tools used for? ^

	Forecasting future events	✓
	Scanning viruses	✗
	Playing music	✗
	Tracking location	✗





Quiz

What does supervision mean in AI context? ^

	Humans watching AI systems	✓
	Running updates	✗
	Starting apps	✗
	Loading files	✗

Quiz

What is integration in software? ^

	Connecting AI with other systems	✓
	Writing new programs	✗
	Drawing diagrams	✗
	Rebooting devices	✗

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Medya kaynakları

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Sorular (20)

Quiz

What is a bot mainly used for? ^



Performing automated tasks



Securing user accounts



Deleting websites



Blocking IP addresses



Quiz

What does a crawler do? ^



Indexes web pages



Protects web servers



Sends phishing emails



Detects malware



Quiz

What does a spammer usually send? ^



Unwanted messages or links



Security updates



Encrypted data



Safe browser ads



Quiz

Who is a hacker? ^



Someone exploiting vulnerabilities



A website designer



A network manager



A password creator



Quiz

What is a botnet? ^



A network of infected machines



A single strong server



A public database



A network firewall



Quiz

What is a DDoS attack? ^



Overloading a server with traffic



Encrypting all web pages



Redirecting users to safe sites



Testing site security



Quiz

What happens in a zip bomb attack? ^



Massive file expansion



Silent virus download



Network firewall breach



Slow internet speed



Quiz

What is compression in data terms? ^



Reducing data size



Encrypting passwords



Deleting old files







Increasing website speed







Quiz

What is decompression? ^

	Expanding compressed data	✓
	Saving data faster	✗
	Encrypting a zip file	✗
	Uploading documents	✗





Quiz

What is gzip mostly used for? ^

	Compressing web content	✓
	Blocking users	✗
	Encrypting passwords	✗
	Managing cookies	✗





Quiz

What is a header in web communication? ^

	Metadata in requests/responses	✓
	An encryption tool	✗
	A web crawler	✗
	A user login detail	✗

Quiz

What does Content-Encoding tell browsers? ^

	How content is compressed	✓
	What language is used	✗
	Who sent the page	✗
	How fast the server is	✗

Quiz

What is middleware responsible for? ^



Handling requests before app logic



Encrypting every file



Compressing website images



Managing password resets



Quiz

What happens during blacklisting? ^



Blocking users based on rules



Speeding up connections



Compressing old websites



Backing up server data



Quiz

What does heuristic detection use? ^



Rule-based pattern analysis



IP address tracking



ZIP file scanning only



Automatic password creation



Quiz

What is a vulnerability in a system? ^



A weakness hackers exploit



A network firewall



A backup server







A speed improvement feature







Quiz

What is a script in cybersecurity? ^

	Small program or sequence	✓
	Compressed server logs	✗
	Malware removal tool	✗
	A website layout design	✗





Quiz

What does the Deflate algorithm do? ^

	Compresses web data	✓
	Encrypts DNS servers	✗
	Downloads large files	✗
	Deletes unused programs	✗





Quiz

What is bandwidth? ^

	Network's data transfer capacity	✓
	Website's security level	✗
	Data encryption method	✗
	Web crawler type	✗

Quiz

What is RSS mainly used for? ^

	Publishing updated web content	✓
	Creating malware	✗
	Securing network devices	✗
	Encrypting browser headers	✗

Ayrıntılar

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Medya kaynakları





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Sorular (20)





Quiz

Which LLM model excels in front-end development and coding tasks? ^

 Gemini 2.5 Pro	✓
 GPT-3.5 Turbo	✗
 Bard	✗
 Claude 3	✗





Quiz

What platform allows building workflows and AI apps using Gemini models? ^

 Google AI Studio	✓
 Google Docs	✗
 Gemini Toolkit	✗
 OpenAI Lab	✗





Quiz

What are agentic workflows known for? ^

 Autonomous reasoning and action	✓
 Manual scripting	✗
 Frequent retraining	✗
 Only visual tasks	✗





Quiz

What does the VideoMME Benchmark test? ^

 AI, video understanding	✓
 Speech synthesis	✗
 Memory limits	✗
 Grammar correction	✗





Quiz

Gemini 2.5 Pro is notably strong in what type of development? ^

	Frontend	✓
	Backend	✗
	Database	✗
	DevOps	✗





Quiz

What does conditional formatting do in spreadsheets? ^

	Automatically styles data based on rules	✓
	Saves file backups	✗
	Schedules meetings	✗
	Draws diagrams	✗





Quiz

Cursor Code Agent is primarily used for what purpose? ^

	Automating coding tasks	✓
	Testing games	✗
	Training models	✗
	Fixing browsers	✗

Quiz

Which platform was used with Gmail triggers for automation? ^

	Make.com	✓
	Zapier	✗
	Google Forms	✗
	Figma	✗

Quiz

What does the Create Completion module do? ^



Sends prompts to generate text



Deletes emails



Uploads video



Backs up data



Quiz

Prompt Engineering helps in what key task? ^



Shaping AI output



Compressing files



Building apps



Encrypting prompts



Quiz

Latency-sensitive tasks are most affected by? ^



Response speed



Energy use



Screen size



Database type



Quiz

Function calling in LLMs allows what? ^



Using APIs in apps



Debugging hardware



Controlling memory



Rendering images



Quiz

What is screen understanding AI able to do? ^



Read and assist based on screen content



Print emails



Record webcam



Send invoices



Quiz

What is the role of interactive learning apps? ^



Engage users through teaching



Monitor expenses



Convert files



Secure data



Quiz

What can subtitles from audio be generated with? ^



DaVinci Resolve



Google Drive



Trello



Python IDE



Quiz

What are stroke and drop shadow features in UI? ^



Text formatting



Security settings



Color schemes







Audio filters







Quiz

Dynamic UI adaptation means the AI can? ^

	Suggest UI changes live	✓
	Stop pop-ups	✗
	Play background music	✗
	Auto-save forms	✗





Quiz

Why use GPT-3.5 Turbo in automation workflows? ^

	Efficient for email drafting	✓
	Image generation	✗
	Log parsing	✗
	Noise reduction	✗





Quiz

What does text content mapping help with? ^

	Filling AI prompts from fields	✓
	Scanning barcodes	✗
	Generating CSS	✗
	Encrypting folders	✗

Quiz

What task still requires human input despite AI help? ^

	Novel idea generation	✓
	Spell checking	✗
	Math problems	✗
	Color coding	✗

Ayrıntılar

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Medya kaynakları

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Kahoot

HRU-VENG2-Week 14 Listening

Sorular (10)





Quiz

What is Google Beam designed to improve? ^

	3D video experience	✓
	Text summarization	✗
	Image generation	✗
	Music composition	✗





Quiz

What feature allows real-time language translation in Google Meet? ^

	Smart Compose	✗
	Gemini Translate	✗
	Project Mariner	✗
	Speech translation	✓





Quiz

Which Gemini feature helps generate smart replies in Gmail? ^

	Agentic Reply	✗
	Personalized smart replies	✓
	Live Chat AI	✗
	Smart Tags	✗

Quiz

What is the main use of Deep Think mode in Gemini? ^

	Faster translation	✗
	Advanced image generation	✗
	Improved thinking and reasoning	✓
	Voice control	✗

Quiz

What does the new AI 'try on' feature allow users to do? ^



Try clothes virtually



Record fashion shows



Compare fashion brands



View 3D models



Quiz

What is Project Astra's role in Gemini? ^



Data encryption



Real-time multimodal understanding



Cloud storage



Device pairing



Quiz

What is the purpose of Android XR glasses? ^



Augmented reality assistance



WiFi signal detection



Gaming headset



Solar charging



Quiz

Which tool helps convert text into expressive audio? ^



Imagine 4



VO3



Jules



Canvas



Quiz

What does Synth ID do? ^



Track email replies

×



Mark AI-generated media

✓



Compress video files

×



Translate documents

×

Quiz

What is Flow designed for? ^



AI coding help

×



Fashion recommendations

×



AI filmmaking

✓



Augmented reality games

×

Ayrıntılar

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