\equiv

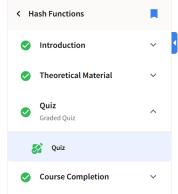
Progress

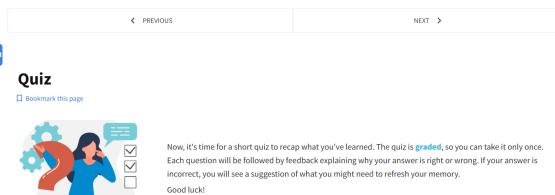
Course is completed. The course result can no longer be changed.

(ii) Hash Functions



Home / Course / Hash Functions / Quiz





Read the question below and select the correct answer. Then, click "Submit." Which of the following is an existing hashing algorithm?

	RITMSHA		
	MDTV		
	SHARP		
	RIPEMD		
Correc	Correct: RIPEMD - Race Integrity Primitives Evaluation Message Digest		

Read the question below and select the correct answer. Then, click "Submit."

Use the SHA-512 hashing algorithm for the following sentence: "The entrance to the tunnel was his only way out" What are the first three characters of the resulting hash?

O d	
8	
9	
d	
O d	
~	

Correct: Well done!

You have used 1 of 1 attempt

Submit You have used 1 of 1 attempt

Read the question below and select the correct answer. Then, click "Submit." Consider the following hash function: $H\left(x
ight) = x mod 13$

What is the size of the following set? $A=\left\{ x\mid H\left(x\right) =7,x,x<319\right\}$



○ 13	
○ 26	
O 19	
24	
○ 31	
O 42	
Correct: Well done! Submit You have used 1 of 1 attempt	
the value of H("hello world")? (H("hello w")*31^7+H("orld")) mod 107	
(H("hello w")+H("orld")*31^7) mod 107	
(H("hello w")*31^6+H("orld")) mod 107	
(H("hello w")+H("orld")) mod 107	
(H("hello w")+H("orld")+31^6) mod 107	
Correct: Great job! Submit You have used 1 of 1 attempt	
✓ PREVIOUS NEXT >	

 $\ensuremath{\texttt{@}}$ 2025 EPAM Systems, Inc. All Rights Reserved

Privacy Policy Privacy Notice Cookies Policy