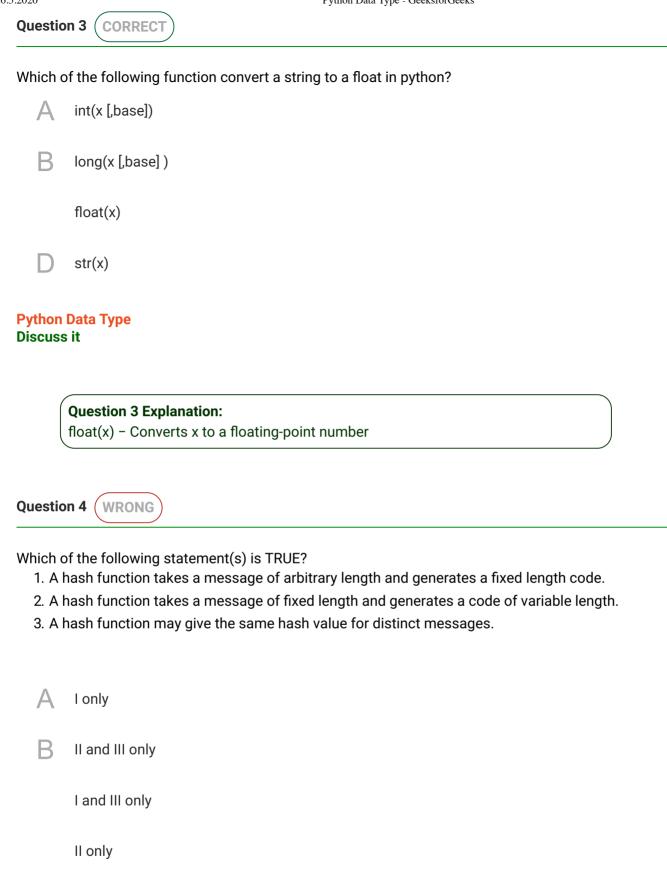


es	Pyth	on Data Type	GeeksforGeeks A computer science portal for geeks			
	Questic	on 1 (CORRECT)	A computer science portal for geeks			
in	Which of these is not a core data type?					
	A	Lists	Hire with us!			
	В	Dictionary				
	С	Tuples				
		Class				
	Python Discuss	Data Type s it				
	Question 1 Explanation: Class is a user defined data type					
	Questic	on 2 CORRECT				
		List				
	В	Dictionary				
	С	Tuple				
	D	Array				
Python Data Type Discuss it						
				<b>A</b>		
		Question 2 Explanation: [] defines a list				



## **Question 4 Explanation:**

Hash GATE IT 2006 Python Data Type

Hash function is defined as any function that can be used to map data of arbitrary size of data to a fixed size data.. The values returned by a hash function are called hash values, hash codes, digests, or

**Discuss it** 

simply hashes: Statement 1 is correct Yes, it is possible that a Hash Function maps a value to a same location in the memmory that's why collision occurs and we have different technique to handle this problem: Statement 3 is coorect. eg: we have hash function,  $h(x) = x \mod 3$  Acc to Statement 1, no matter what the value of 'x' is h(x) results in a fixed mapping location. Acc. to Statement 3, h(x) can result in same mapping mapping location for different value of 'x' e.g. if x = 4 or x = 7, h(x) = 1 in both the cases, although collision occurs. This solution is contributed by **Mohit Gupta**.

You have completed 4/4 questions . Your accuracy is 75%.

1

Writing code in comment? Please use ide.geeksforgeeks.org, generate link and share the link here.

**A** 

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