

DAY9:

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- 1.Map and types
- 2.User define Map

QUESTIONS (Theory)

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- 1.What is map?
- 2.What is difference between Hash Map and Hash Table?
- 3.What is difference between set and Map?
- 4.What are the classes implementing List interface?
- 5.Which all classes implement Set interface ?
- 6.Explain about user defined Map?
- 7.How null allows in below maps:  
HashMap :k?,v?  
LinkedHashMap:k?,v?  
TreeMap :k?,v?  
HashTable :k?,v?
- 8.How to Iterate Map ?
- 9.Return type entrySet?

QUESTIONS (practical)

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QUESTION 1.1:

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Description : Create a HashMap with the below key and values  
key : 10,20,30,40,50,60,10,50,40  
values : java,sql,oops,Sql,oracle,DB,selenium,psql,Hadoop.

QUESTION 1.2:

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Description : Create a LinkedHashMap with the below key and values  
key : 10,20,30,40,50,60,10,50,40  
Values : 10,20,30,40,50,60,10,50,40

QUESTION 1.3:

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Description : Create a TreeHashMap with the below key and values  
key : !,@,#,\$,%^,&\*,(,  
Values : 10,20,30,40,50,60,10,50,40

QUESTION 1.4:

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Description : Create a HashTable with the below key and values  
Key : vel,Ganesh,Dinesh,Vengat,subash  
Values : Selenium,framework,oracle,corejava,jira

QUESTION 2:

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QUESTION 2.1:

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Description : Create a HashMap with the below key and values and get(print)  
the key only in the map.  
key : 10,20,30,40,50,60,10,50,40  
values : java,sql,oops,Sql,oracle,DB,selenium,psql,Hadoop.

QUESTION 2.2:

-----

Description : Create a LinkedHashMap with the below key and values and get(print) the key only in the map.

key : 10,20,30,40,50,60,10,50,40  
Values : 10,20,30,40,50,60,10,50,40

QUESTION 2.3:

Description : Create a TreeMap with the below key and values and get(print) the key only in the map.

key : !,@,#,\$,%^,&\*,(,  
Values : 10,20,30,40,50,60,10,50,409

QUESTION 2.4:

Description : Create a HashTable with the below key and values and get(print) the key only in the map.

Key : vel,Ganesh,Dinesh,Vengat,subash  
Values : Selenium,framework,oracle,corejava,jira

QUESTION 3:

QUESTION 3.1:

Description : Create a HashMap with the below key and values and get(print) the values only in the map.

key : 10,20,30,40,50,60,10,50,40  
values : java,sql,oops,Sql,oracle,DB,selenium,psql,Hadoop.

QUESTION 3.2:

Description : Create a LinkedHashMap with the below key and values and get(print) the values only in the map.

key : 10,20,30,40,50,60,10,50,40  
Values : 10,20,30,40,50,60,10,50,40

QUESTION 3.3:

Description : Create a TreeHashMap with the below key and values and get(print) the values only in the map.

key : !,@,#,\$,%^,&\*,(,  
Values : 10,20,30,40,50,60,10,50,409

QUESTION 3.4:

Description : Create a HashTable with the below key and values and get(print) the key only in the map.

Key : vel,Ganesh,Dinesh,Vengat,subash  
Values : Selenium,framework,oracle,corejava,jira

QUESTION 4:

QUESTION 4.1:

Description : Create a HashMap with the below key and values and iterate it using enhanced for loop.

key : 10,20,30,40,50,60,10,50,40  
values : java,sql,oops,Sql,oracle,DB,selenium,psql,Hadoop.

QUESTION 4.2:

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Description : Create a LinkedHashMap with the below key and values and iterate it using enhanced for loop.

key : 10,20,30,40,50,60,10,50,40  
Values : 10,20,30,40,50,60,10,50,40

QUESTION 4.3:

-----  
Description : Create a TreeMap with the below key and values and iterate it using enhanced for loop.

key : !,@,#,\$,%^,&\*,(,  
Values : 10,20,30,40,50,60,10,50,409

QUESTION 4.4:

-----  
Description : Create a HashMap with the below key and values and iterate it using enhanced for loop.

Key : vel,Ganesh,Dinesh,Vengat,subash  
Values : Selenium,framework,oracle,corejava,jira

QUESTION 5:

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QUESTION 5.1:

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Description : Create a HashMap with the below key and values and iterate it using enhanced for loop and get the key and values combination.

key : 10,20,30,40,50,60,10,50,40  
values : java,sql,oops,Sql,oracle,DB,selenium,psql,Hadoop.

Sample Output:

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10  
java  
20  
sql  
30  
oops  
40  
sql

Description : like this you have to iterate the map

QUESTION 5.2:

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Description : Create a LinkedHashMap with the below key and values and iterate it using enhanced for loop and get the key and values combination..

key : 10,20,30,40,50,60,10,50,40  
Values : 10,20,30,40,50,60,10,50,40

QUESTION 5.3:

-----  
Description : Create a TreeMap with the below key and values and iterate it using enhanced for loop and get the key and values combination.

key : !,@,#,\$,%^,&\*,(,  
Values : 10,20,30,40,50,60,10,50,409

QUESTION 5.4:

-----  
Description : Create a HashMap with the below key and values and iterate it using enhanced for loop and get the key and values combination.

Key : vel,Ganesh,Dinesh,Vengat,subash  
Values : Selenium,framework,oracle,corejava,jira

QUESTION 6:

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Description: Create a userdefine Map and insert the 10 employee details  
Key : empId,name,phone,address,dob,dof,eMail,gender,Sal  
Give the related values for key for each employee

QUESTION 7:

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Description: Create a userdefine Map and insert the 10 Student details  
Key : stdId,stdName,stdPhone,address,dOB,eMail,gender  
Give the related values for key for each Student