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:

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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:

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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:

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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:

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QUESTION 3.1:

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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:

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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:

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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:

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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:

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QUESTION 4.1:

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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:

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Description : Create a TreeHashMap 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:

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Description : Create a HashTable 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 itearte 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:

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Description : Create a TreeHashMap 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:

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Description : Create a HashTable 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,doj,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