HCL TSS ASSESSMENT

# DQ\_CORE\_JAVA\_13

Answer marked with Grade value as 100 is the correct answer.

## Q1 SE,Easy

| State which of the following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | InputStream is base class for all classes used to read data in byte form from different sources in java.io package |  | *0* |
|  | Collections.sort() can be used to sort List |  | *0* |
|  | Map is a data structure used to store data in key-value format |  | *0* |
|  | HashMap allows to store the duplicate keys |  | *100* |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q2 SE,Easy

| State which of the following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | TreeSet is sorted version of Set. |  | 0 |
|  | To search Employee in HashSet Employee class should have hashCode() method in it |  | 0 |
|  | PrintWriter has println and print method to write Integer,Double,String. |  | 0 |
|  | BufferedReader allows to directly wrap File class inside it |  | 100 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q3 SE,Medium

| State which of the following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | HashMap is data structure in which keys are sorted |  | 100 |
|  | For TreeSet to sort Employee objects it should implement Comparable interface or create TreeSet with a Comparator |  | 0 |
|  | contains method of Collection interface checks if element is present in the Collection |  | 0 |
|  | clear method of Collection interface will remove all elements from the Collection |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |

## Q4 SE,Difficult

| State what is following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | exists() method of File class is used to check if file exists on hard-disk at given location |  | 0 |
|  | HashMap has keySet() method that returns an object of Set type. |  | 0 |
|  | BufferedReader has readLine() method to read entire line from input source. |  | 0 |
|  | BufferedReader has readInt() method to read integer from input source |  | 100 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |

## Q5 SE,Difficult

| State which of the following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Comparable interface is in java.lang package |  | 0 |
|  | FileReader has createNewFile() method to create a new file on hard-disk if it does not exist |  | 100 |
|  | FileWriter creates new file for writing if it does not exist at given location |  | 0 |
|  | toString() method is already overridden in ArrayList class |  | 0 |
|  | General feedback: |  |  |

## Q6 SE,Easy

| State which of the following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Comparator interface is in java.lang package |  | 100 |
|  | FileReader read() method returns -1 when end of file is reached |  | 0 |
|  | If you need to add buffering capability while reading from File source then wrap FileReader inside BufferedReader constructor. |  | 0 |
|  | FileReader close() method throws IOException which is checked exception |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |

## Q7 SE,Easy

| State which of the following is not true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Comparable interface has compare method in it |  | 100 |
|  | You can wrap FileOutputStream inside PrintWriter class |  | 0 |
|  | Iterator can be used to iterate through an ArrayList |  | 0 |
|  | Iterator has hasNext() method to check if next element is present/exists in the Collection |  | 0 |

## Q8 SE,Medium

| State what is output of below piece of code?  import java.util.\*;  class Main  {  public static void main(String[] args)  {  Set<String> t = new TreeSet<String>();  t.add(“zeenat”);  t.add(“abir”);  t.add(“neha”);  t.add(“abir”);  System.out.println(t);  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Compiler error |  | 0 |
|  | Runtime error |  | 0 |
|  | Code will run successfully printing output as below:-  [abir, neha, zeenat] |  | 100 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q9 SE,Difficult

| State what is output of below piece of code?  import java.util.\*;  class Main  {  public static void main(String[] args)  {  Map<String,Integer> t = new HashMap<String,Integer>();  t.add(“zeenat”,10);  t.add(“abir”,20);  t.add(“neha”,30);  t.add(“abir”,40);  System.out.println(t);  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Program will run successfully printing below output on console:-  {neha=30, abir=40, zeenat=10} |  | 0 |
|  | Runtime exception as cannot add duplicate key value |  | 0 |
|  | Compiler error as add method is not defined in Map |  | 100 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |

## Q10 SE,Medium

| State what will be the output for below code? (assume file Emp.java exists at given location)  import java.io.\*;  class MainApp  {  public static void main(String[] args) throws IOException  {  try(  FileReader fr = new FileReader(“C://temp/Emp.java”);  BufferedReader br = new BufferedReader(fr);  )  {  String s=null;  while((s = br.readLine())!=null)  {  System.out.println(s);  }  }  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Runtime exception |  | 0 |
|  | Program will compile and run successfully and read line by line from Emp.java and print it on console |  | 100 |
|  | Compiler error |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |
|  | For any incorrect response: | Your answer is incorrect. |  |
|  | Hint 1: |  |  |
|  | Show the number of correct responses (Hint 1): | No |  |
|  | Clear incorrect responses (Hint 1): | No |  |