HCL TSS ASSESSMENT

# DQ\_CORE\_JAVA\_12

## 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 |
|  | Collection is the base interface for List interface |  | *0* |
|  | get(index) method of List will also remove element at that index position |  | *0* |
|  | toString() method is already overridden by ArrayList class |  | *0* |
|  | clear() method of List interface will remove all elements in the List |  | *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)* | | |  |

## 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 |
|  | List<Integer> = new ArrayList<Integer>  will ensure that only Integer values are added to list |  | 0 |
|  | String is an immutable object in java means whenever you modify String a new String object gets created |  | 0 |
|  | You can add primitive values to Collection classes like ArrayList |  | 0 |
|  | StringBuilder is mutable object in java |  | 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)* | | |  |

## Q3 SE,Medium

| State what will be output for below code added in main? Assume all required imports and code is already present.  List<String> l = new ArrayList<String>();  l.add(“corejava”);  l.add(“hibernate”);  System.out.println(l.contains(“Corejava”)); | | | 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 and output below output on console:  false |  | 0 |
|  | Runtime error |  | 0 |
|  | 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. |  |

## Q4 SE,Difficult

| State what is output of below code?  import java.util.\*;  public class Main {  public static void main(String[] args) {    List<Integer> lst = new ArrayList<Integer>();  lst.add(“arjun”);  lst.add(“varun”);  lst.add(“ankit”);  lst.add(“sarita”);    System.out.println(lst.contains(“Ankit”));  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Runtime error |  | 0 |
|  | Compiler error - The method add(Integer) in the type List<Integer> is not applicable for the arguments (String) |  | 0 |
|  | Program will run successfully and  Print below output on console:-  false |  | 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 |  |

## Q5 SE,Medium

| State what is output of below code?  class A  {  public static void main(String[] args)  {  Integer o1 = new Integer(10);  Integer o2 = new Integer(10);  System.out.println(o1==o2);  System.out.println(o1.equals(o2));  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Code will run and print the output:  false  true |  | 0 |
|  | Runtime error |  | 0 |
|  | Compiler error |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |

## Q6 SE,Easy

| State which of the following is output of below code put in main method?    String s = “abc”;  String s1 = s + “def”;  System.out.println(s); | | |  |
| --- | --- | --- | --- |
| 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 compile and run fine and print below output:-  abc |  | 0 |
|  | Code will compile and run fine and print below output:-  abcdef |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |

## Q7 SE,Easy

| State what is output of below code?  String s2="core";  StringBuilder sb = new StringBuilder(s2);  sb.append("java");  System.out.println(sb); | | | 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 compile and run fine and print below output:-  corejava |  | 0 |
|  | All of the above |  | 0 |

## Q8 SE,Medium

| State what is output of below code?  import java.util.\*;  public class Main  {  public static void main(String[] args)  {  List<Integer> l = new ArrayList<Integer>();  l.add(3);  l.add(19);  int val = l.get(1);  System.out.println(val);  }  } | | | 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 |
|  | Program will run fine and print below output:-  19 |  | 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 |  |
|  | Tags: |  |  |
| *Allows the selection of a single or multiple responses from a pre-defined list. (MC/MA)* | | |  |

## Q9 SE,Difficult

| State what will be the output for below code?  import java.util.\*;  public class Main {  public static void main(String[] args) {  List<String> l1 = new ArrayList<String>();    l1.add("abir");  l1.add("arjun");  l1.add("gourav");  System.out.println(l1.size());  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Program will compile and run fine printing below output:-  3 |  | 0 |
|  | Runtime exception |  | 0 |
|  | 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: |  |  |

## Q10 SE,Medium

| State what will be the output for below code?  import java.util.\*;  public class Main {  public static void main(String[] args) {  List<String> l1 = new ArrayList<String>();    l1.add("abir");  l1.add("arjun");  l1.add("gourav");  System.out.println(l1.isEmpty());  }  } | | | 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 print below output:-  false |  | 0 |
|  | 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 |  |