HCL TSS ASSESSMENT

# DQ\_SE\_DAY\_10

## Q1 SE,Medium

| State which of the following is true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | All Exception classes extend from Throwable interface |  | *0* |
|  | try block can be associated by multiple catch blocks |  | *0* |
|  | finally always runs |  | *0* |
|  | All of the above |  | *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 |
|  | IOException needs to be handled using catch block or declared using throws clause as it comes under category of checked exception |  | 0 |
|  | ClassCastException comes due to programmers mistake if he does improper casting |  | 0 |
|  | NullPointerException comes under category of unchecked exception meaning compiler doesn’t mandate you to handle or declare that exception |  | 0 |
|  | It is mandatory to write finally block at the end of try-catch block otherwise compiler will give error |  | 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,Difficult

| State which of the following is true? (Emp.java exists at given location)  import java.io.FileReader;  import java.io.IOException;  public class Mainx{  public static void main(String[] args) {      func();    System.out.println("remaining program in main..");  }        static void func()  {  try(FileReader fr = new FileReader("C://tempp/Emp.java"))  {  fr.read();  }  catch(IOException e)  {  e.printStackTrace();  }  System.out.println("remaining code of function func executes..");    }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Compiler error as finally block to close the file resource is not there |  | 0 |
|  | Runtime error and program will be halted |  | 0 |
|  | remaining code of function func executes..  remaining program in main..  above output is printed on console |  | 100 |
|  | 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? (Emp.java is present at given location)  **import** java.io.FileReader;  **import** java.io.IOException;  **public** **class** Main{  **public** **static** **void** main(String[] args) {    *func*();    System.***out***.println("remaining program in main..");  }        **static** **void** func() **throws** IOException  {  FileReader fr = **new** FileReader("C://tempp/Emp.java");    fr.read();  System.***out***.println("remaining code of function func executes..");    }  } | | | 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 - Unhandled exception type IOException |  | 100 |
|  | Program will run successfully and  Print below output on console:-  remaining code of function func executes..  remaining program in main.. |  | 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: |  |  |

## Q5 SE,Difficult

| What will be the output of below code?  **import** **static** java.lang.Integer.\*;  **public** **class** Main {  **public** **static** **void** main(String[] args) {    System.***out***.println(*parseInt*("10"));  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | Yes |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Compiler error |  | 0 |
|  | Runtime error |  | 0 |
|  | Will print value of 10 on console |  | 100 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |

## Q6 SE,Difficult

| What will be the output of below code when you compile and run it?  **import** java.io.FileReader;  **import** java.io.IOException;  **public** **class** Main{  **public** **static** **void** main(String[] args) {    **try**  {  *func*();    }  **catch**(IOException e)  {  System.***out***.println("There is some IOException..");  e.printStackTrace();  }    System.***out***.println("remaining program in main..");  }        **static** **void** func()  {  FileReader fr = **new** FileReader("C://tempp/Emp.java");  fr.read();  fr.close();  System.***out***.println("remaining program in function func..");    }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | Compiler error - Unhandled exception type FileNotFoundException  Above exception is generated as func() is neither handling the exception nor declaring it using throws clause |  | 100 |
|  | remaining program in function func..  remaining program in main..  above output will be printed on console. |  | 0 |
|  | Runtime error |  | 0 |
|  | None of the above |  | 0 |
|  | General feedback: |  |  |
|  | For any correct response: | Your answer is correct. |  |

## Q7 SE,Medium

| State which of the following is true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | throw clause is used to rethrow a partial exception |  | 0 |
|  | throws clause is used mention to compiler that exception will be handled by it’s caller |  | 0 |
|  | try block can be followed by finally block without any catch block in-between and it won’t give compiler error |  | 0 |
|  | All of the above |  | 100 |

## Q8 SE,Medium

| State which of the following is true? | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | javac -d . filename.java command is used to compile file by creating package on hard-disk |  | 0 |
|  | java package.classname command is used to run java class from command prompt |  | 0 |
|  | All Throwable types can be handled using catch block |  | 0 |
|  | All of the above are true |  | 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)* | | |  |

## Q9 SE,Difficult

| State what will be the output for below code?  class MainApp  {  public static void main(String[] args)  {  String s = "java batch";  if(s.length() >= 30)  {  System.out.println(s.charAt(30));  }  else  {  System.out.println("string length is not greater than 30");  }  }  } | | | 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 exception |  | 0 |
|  | It will print output as:-  string length is not greater than 30 |  | 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 |  |

## Q10 SE,Easy

| State what will be the output for below code?  class MainApp  {  public static void main(String[] args)  {  String s=”java batch”;  System.out.println(s.charAt(30));  }  } | | | MC |
| --- | --- | --- | --- |
| Default mark: | | | 1 |
| Shuffle the choices? | | | No |
| Number the choices? | | | A |
| Penalty for each incorrect try: | | | 0 |
| 1. # | Answers | Feedback | Grade |
|  | It will throw runtime exception as NullPointerException |  | 100 |
|  | Compiler error as need to handle or declare NullPointerException |  | 0 |
|  | It will print character at index position 30 |  | 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 |  |