

Q2

The screenshot shows a web browser window with the URL `tutorialspoint.com/compile_java_online.php`. The page is titled "codingground | Compile and Execute Java Online (JDK 1.8.0)". The code editor contains the following Java code:

```
1 import java.io.*;
2 import java.lang.*;
3 class LessBalanceException extends Exception
4 {
5     LessBalanceException(double amt)
6     {
7         System.out.println("Withdraw amount Rs. "+amt+" is not valid");
8     }
9 }
10
11 public class Account
12 {
13     int accno;
14     double bal;
15     String name;
16     Account(double bal,String n,int accno)
17     {
18         System.out.println("\nNew Account opened successfully with following details !");
19         this.bal=bal;
20
21         System.out.println(" Name : " + n);
22         name=n;
23         System.out.println(" Account Number : "+accno);
24         this.accno=accno;
25     }
26
27     void deposit(double amt)
28     {
29         bal=bal+amt;
30         System.out.println("New Balance : "+bal);
31     }
32
33     void withdraw(double amt) throws LessBalanceException
34     {
35         if(bal-amt <500){
36             throw new LessBalanceException(amt);
37         }
38         System.out.println("\nAvailabe Balance : "+bal);
39     }
```

The output window shows the following results:

```
$javac Account.java
$java -Xmx128M -Xms16M Account

New Account opened successfully with following details !
Name : Monika
Account Number : 12345

-----Account information-----
Customer Name : Monika
Account Number : 12345
Balance : 1000.0
```

The screenshot shows the same web browser window, but the code editor now includes a `main` method. The code is as follows:

```
29 bal=bal+amt;
30 System.out.println("New Balance : "+bal);
31 }
32
33 void withdraw(double amt) throws LessBalanceException
34 {
35     if(bal-amt <500){
36         throw new LessBalanceException(amt);
37     }
38     System.out.println("\nAvailabe Balance : "+bal);
39     bal=amt;
40     System.out.println("Rs. : "+amt+" withdrawn");
41     System.out.println("current Balance : "+bal);
42 }
43
44 void info()
45 {
46     System.out.println("\n-----Account information-----");
47     System.out.println("Customer Name : "+name);
48     System.out.println("Account Number : "+accno);
49     System.out.println("Balance : "+bal);
50 }
51
52
53 public static void main(String []args){
54     Account a= new Account(1000, "Monika", 12345);
55     a.info();
56 }
57
58 }
59
60
61
62
63
64
65
66
67
```

The output window shows the same results as the first screenshot, but the output is now empty, indicating that the program has not been executed yet.

Q1:

The screenshot shows a web browser window with the URL `tutorialspoint.com/compile_java_online.php`. The page is titled "codingground" and "Compile and Execute Java Online (JDK 1.8.0)". The interface has tabs for "Execute", "Share", "Source File", and "STDIN". The "Execute" tab is active, showing a Java code editor with the following code:

```
1 import java.util.Scanner;
2 import java.io.*;
3
4 public class HelloWorld{
5
6     public static void main(String []args){
7         System.out.println("Enter the string : ");
8         Scanner myObj = new Scanner(System.in);
9         String s = myObj.nextLine();
10
11         for(int i=0; i<s.length(); i++){
12             if(i==0 || i==s.length() -1){
13                 System.out.print( Character.toUpperCase( s.charAt(i) ) );
14             }
15             else{
16                 System.out.print( s.charAt( s.length() -1 - i) );
17             }
18         }
19     }
20 }
```

The "Result" tab on the right shows the output of the program:

```
$javac HelloWorld.java
$java -Xmx128M -Xms16M HelloWorld
Enter the string :
MkinoA
```

The Windows taskbar at the bottom shows the system clock as 11:58 on 22-06-2021, with weather information for 33°C Light rain.