

JAVA SA

MicaelaTe Water Naude

CTU 2022

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QUESTION ONE:

CODE:

ArtistSearchOOp

```
javasateterino - Apache NetBeans IDE 12.6
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default config> ArtisSearchOOp.java x ArtisTable.java x artistSubcass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x
Source History ▾
1 import java.util.Scanner;
2
3
4 public class ArtisSearchOOp {
5     public static void main (String [] args){
6
7
8         artistSubcass singleArtist = new artistSubcass(0, 0, 2, 2);
9
10
11         ArtistTable artistTable = singleArtist;
12         artistTable.salesSummary();
13
14         Scanner sc = new Scanner(System.in);
15
16
17
18         int artistPosition = 1;
19         while (artistPosition > 0 && artistPosition < 5 ){
20             System.out.println("Please Enter a Number between 1 - 5");
21
22         try{
23             artistPosition = sc.nextInt();
24             singleArtist.salesSummary(artistPosition);
25             System.out.println();
26
27         }
28         catch(java.util.InputMismatchException e){
29
30             System.out.println("Please enter a number, not a string");
31             break;
32         }
33
34     }
35
36 }
37 }
```

22°C Cloudy 5:14/1:15 INS Windows (CRLF) ENG US 12:35 2022/06/13

ArtistTable

```
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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default config> ArtisSearchOOp.java x ArtisTable.java x artistSubcass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x
Source History ▾
1
2 public abstract class ArtisTable implements Interface1{
3
4     int rowSum;
5     int colSum1;
6     int colSum2;
7     int colSum3;
8
9     public ArtisTable(int rowSum, int colSum1,int colSum2, int colSum3) {
10         this.rowSum = rowSum;
11         this.colSum1 = colSum1;
12         this.colSum2 = colSum2;
13         this.colSum3 = colSum3;
14     }
15
16
17     @Override
18     public void salesSummary(){
19
20         String artistNames[] = new String[5];
21         artistNames[0] = "Master Kg ";
22         artistNames[1] = "DJ B Coffee ";
23         artistNames[2] = "Bruno Mars ";
24         artistNames[3] = "F Fighters ";
25         artistNames[4] = "T Swift ";
26
27
28         int artistSales[][] = new int[5][3];
29
30         artistSales[0][0] = 900000;
31         artistSales[0][1] = 800000;
32         artistSales[0][2] = 500000;
33
34
35         artistSales[1][0] = 700000;
36         artistSales[1][1] = 500000;
37         artistSales[1][2] = 500000;
```

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javasaterino - Apache NetBeans IDE 12.6

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default.config> ArtisSearchOOP.java x ArtisTable.java x artistSubklass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x
Source History
41     artistSales[2][2] = 50000;
42
43     artistSales[3][0] = 100000;
44     artistSales[3][1] = 200000;
45     artistSales[3][2] = 200000;
46
47     artistSales[4][0] = 300000;
48     artistSales[4][1] = 100000;
49     artistSales[4][2] = 50000;
50 }
51
52 System.out.println("-----");
53 System.out.printf("%20s %20s %20s ", "Artist Name ", "DVD Sales ", "Blu Ray sales ", "CD Sales ");
54 System.out.println();
55 System.out.println("-----");
56
57 for (int i = 0; i < 5; i++) {
58     System.out.printf(i + 1 + ". " + "%14s", artistNames[i]);
59     for (int j = 0; j < 3; j++) {
60
61         System.out.format("%20s", artistSales[i][j]);
62         rowSum = rowSum + artistSales[i][j] + artistSales[i][j] + artistSales[i][j];
63     }
64
65     System.out.println();
66 //System.out.println("-----");
67 }
68
69
70 colSum1 = artistSales[0][0] + artistSales[1][0] + artistSales[2][0] + artistSales[3][0] + artistSales[4][0];
71 colSum2 = artistSales[0][1] + artistSales[1][1] + artistSales[2][1] + artistSales[3][1] + artistSales[4][1];
72 colSum3 = artistSales[0][2] + artistSales[1][2] + artistSales[2][2] + artistSales[3][2] + artistSales[4][2];
73 System.out.println("-----");
74 System.out.printf("Total: " + "%30s %20s %18s ", colSum1, colSum2, colSum3 + "\n");
75
76 }
77 }
```

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artistSubklass

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```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default.config> ArtisSearchOOP.java x ArtisTable.java x artistSubklass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x
Source History
1 public class artistSubklass extends ArtistTable {
2
3     int index;
4
5     public artistSubklass(int Index, int rowSum, int colSum1,int colSum2, int colSum3) {
6         super(rowSum,colSum1,colSum2,colSum3);
7         this.index = Index;
8     }
9
10
11
12     public void salesSummary (int artistPosition){
13
14         String[] artistNames = {"Master Kg","DJ B Coffee","Bruno Mars","F Fighters","T Swift"};
15         int [][] artistSales = new int[5][3];
16
17         {
18             artistSales[0][0] = 900000;
19             artistSales[0][1] = 800000;
20             artistSales[0][2] = 500000;
21
22             artistSales[1][0] = 700000;
23             artistSales[1][1] = 500000;
24             artistSales[1][2] = 500000;
25
26             artistSales[2][0] = 800000;
27             artistSales[2][1] = 100000;
28             artistSales[2][2] = 50000;
29
30             artistSales[3][0] = 100000;
31             artistSales[3][1] = 200000;
32             artistSales[3][2] = 200000;
33
34             artistSales[4][0] = 300000;
35             artistSales[4][1] = 100000;
36             artistSales[4][2] = 50000;
37         }
38     }
39 }
```

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```
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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default config> ArtisSearchOOP.java x ArtisTable.java x artistSubClass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x
Projects Services Files Source History
37
38
39
40
41     switch(artistPosition)
42     {
43         case 0:
44             System.out.println("Artist name: " + artistNames[0]);
45             System.out.println("DVD Sale: " + artistSales[0][0]);
46             System.out.println("Blu ray Sale: " + artistSales[0][1]);
47             System.out.println("CD Sale: " + artistSales[0][2]);
48             rowSum = artistSales[0][0]+artistSales[0][1]+artistSales[0][2];
49             System.out.println("Total: " + rowSum);
50             break;
51             //index++;
52             //continue;
53         case 1:
54             System.out.println("Artist name: " + artistNames[1]);
55             System.out.println("DVD Sale: " + artistSales[1][0]);
56             System.out.println("Blu ray Sale: " + artistSales[1][1]);
57             System.out.println("CD Sale: " + artistSales[1][2]);
58             rowSum = artistSales[1][0]+artistSales[1][1]+artistSales[1][2];
59             System.out.println("Total: " + rowSum);
60             break;
61             //index++;
62             //continue;
63         case 2:
64             System.out.println("Artist name: " + artistNames[2]);
65             System.out.println("DVD Sale: " + artistSales[2][0]);
66             System.out.println("Blu ray Sale: " + artistSales[2][1]);
67             System.out.println("CD Sale: " + artistSales[2][2]);
68             rowSum = artistSales[2][0]+artistSales[2][1]+artistSales[2][2];
69             System.out.println("Total: " + rowSum);
70             break;
71             //index++;
72             //continue;
73         case 4:

```

```
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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default config> ArtisSearchOOP.java x ArtisTable.java x artistSubClass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x
Projects Services Files Source History
73
74         case 4:
75             System.out.println("Artist name: " + artistNames[3]);
76             System.out.println("DVD Sale: " + artistSales[3][0]);
77             System.out.println("Blu ray Sale: " + artistSales[3][1]);
78             System.out.println("CD Sale: " + artistSales[3][2]);
79             rowSum = artistSales[3][0]+artistSales[3][1]+artistSales[3][2];
80             System.out.println("Total: " + rowSum);
81             break;
82             //index++;
83             //continue;
84         case 5:
85             System.out.println("Artist name: " + artistNames[4]);
86             System.out.println("DVD Sale: " + artistSales[4][0]);
87             System.out.println("Blu ray Sale: " + artistSales[4][1]);
88             System.out.println("CD Sale: " + artistSales[4][2]);
89             rowSum = artistSales[4][0]+artistSales[4][1]+artistSales[4][2];
90             System.out.println("Total: " + rowSum);
91             break;
92             default:
93                 System.out.println("not a valid entry: should be between 1 & 5 only!\nTry again");
94             break;
95             //continue;
96
97     }
98 }
99
100
101
102
103
104
105
106
107
108
109

```

Interface1

The screenshot shows the Apache NetBeans IDE 12.6 interface. The title bar reads "javasatesterno - Apache NetBeans IDE 12.6". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for file operations like Open, Save, and Print. The main editor window displays the following Java code:

```
public interface Interface1 {
    public void salesSummary();
}
```

The Projects and Files panes are visible on the left, and the Output pane is at the bottom.

OUTPUT:

The screenshot shows the Apache NetBeans IDE 12.6 interface with the title bar "javasatesterno - Apache NetBeans IDE 12.6". The menu bar and toolbar are similar to the previous screenshot. The main editor window shows the code for ArtistSearchOOp.java:

```
import java.util.Scanner;

public class ArtistSearchOOp {
    public static void main (String [] args){
        artistSubclass singleArtist = new artistSubclass(0, 0, 2, 2);
    }
}
```

The Output pane at the bottom shows the terminal output of the run command:

```
Output - Run (javasatesterno)
Scanning for projects...
Building javasatesterno 1.0-SNAPSHOT
[INFO] --- [jar]
[INFO] --- exec-maven-plugin:3.0.0:exec (default-cli) @ javasatesterno ---
Artist Name      DVD Sales      Blu Ray Sales      CD Sales
-----
1.  Master Kg      900000          800000          500000
2.  DJ B Coffee     700000          900000          500000
3.  Bruno Mars     800000          200000          80000
4.  F Fighters      100000          200000          200000
5.  T Swift         300000          100000          50000
-----
Total:           2800000          1700000          1300000
Please Enter a Number between 1 - 5
-4
not a valid entry: should be between 1 & 5 only!
Try again

BUILD SUCCESS
Total time: 3.709 s
Finished at: 2022-06-13T12:36:21+02:00
```

The Projects and Files panes are visible on the left, and the Output pane is at the bottom.

javasatestino - Apache NetBeans IDE 12.6

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source History Projects Services Files

Output - Run (javasatestino)

```
1 import java.util.Scanner;
2
3
4 public class ArtistSearchOOp {
5     public static void main (String [] args){
6         artistSub1Case singleArtist = new artistSub1Case(0, 0, 2, 2, 2);
7
8     }
9 }
```

Output - Run (javasatestino)

```
--- exec-maven-plugin:3.0.0:exec (default-cli) @ javasatestino ---
Artist Name DVD Sales Blu Ray sales CD Sales
-----
1. Master Kg 900000 900000 500000
2. DJ B Coffee 700000 500000 50000
3. Bruno Mars 800000 100000 50000
4. F Fighters 100000 200000 200000
5. T Swift 300000 100000 50000
-----
Total: 2800000 1700000 1300000
Please Enter a Number between 1 - 5
1
Artist name: Master Kg
DVD Sale: 900000
Blu ray Sale: 800000
CD Sale: 500000
Total: 2200000

Please Enter a Number between 1 - 5
2
Artist name: DJ B Coffee
DVD Sale: 700000
Blu ray Sale: 500000
CD Sale: 500000
Total: 1700000

Please Enter a Number between 1 - 5
|
```

Output

Run (javasatestino) 5% 5:14/1:15 INS

22°C Cloudy ENG US 12:36 2022/06/13

javasatestino - Apache NetBeans IDE 12.6

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source History Projects Services Files

Output - Run (javasatestino)

```
1 import java.util.Scanner;
2
3
4 public class ArtistSearchOOp {
5     public static void main (String [] args){
6         artistSub1Case singleArtist = new artistSub1Case(0, 0, 2, 2, 2);
7
8     }
9 }
```

Output - Run (javasatestino)

```
CD Sale: 900000
Total: 2200000

Please Enter a Number between 1 - 5
2
Artist name: DJ B Coffee
DVD Sale: 700000
Blu ray Sale: 500000
CD Sale: 500000
Total: 1700000

Please Enter a Number between 1 - 5
3
Artist name: Bruno Mars
DVD Sale: 800000
Blu ray Sale: 100000
CD Sale: 50000
Total: 950000

Please Enter a Number between 1 - 5
4
Artist name: F Fighters
DVD Sale: 100000
Blu ray Sale: 200000
CD Sale: 200000
Total: 500000

Please Enter a Number between 1 - 5
|
```

Output

Run (javasatestino) 5% 5:14/1:15 INS

22°C Cloudy ENG US 12:36 2022/06/13

QUESTION TWO:

CODE:

CustomerFinance

```
SAQ2 - Apache NetBeans IDE 12.6
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
ArtisSearchOop.java x | ArtistTable.java x | artistSubClass.java x | Interface1.java x | CustomerFinance.java x | FinancePeriod.java x | Customer.java x
Source History Services Projects Files
import javax.swing.JOptionPane;

public class CustomerFinance {
    public static void main(String[] args) {
        Customer someClass = new Customer();
        FinancePeriod financePeriod = new FinancePeriod();

        try{
            someClass.setCustomerName();
            Customer.setContactNumber();
            Customer.setProductPrice();
            Customer.setNumberOfMonths();
            JOptionPane.showMessageDialog(null,"Class one" + "\n" +
                "Customer Name: " +Customer.getCustomerName() + "\n" +
                "Customer Contact: " + Customer.getContactNumber() + "\n" +
                "Product Amount: R" + Customer.getProductPrice() + "\n" +
                "Repayment months: " + Customer.getNumberOfMonths() + "\n" +
                "Monthly repayment: R" + someClass.calculate_Repayment() + "\n" +
                "Total Due: R" + (Customer.getProductPrice() + someClass.calculate_Repayment()));

            financePeriod.setCustomerName();
            FinancePeriod.setContactNumber();
            FinancePeriod.setProductPrice();
            FinancePeriod.setNumberOfMonths();
            JOptionPane.showMessageDialog(null,"Class two" + "\n" +
                "Customer Name: " +FinancePeriod.getCustomerName() + "\n" +
                "Customer Contact: " + FinancePeriod.getContactNumber() + "\n" +
                "Product Amount: R" + FinancePeriod.getProductPrice() + "\n" +
                "Repayment months: " + FinancePeriod.getNumberOfMonths() + "\n" +
                "Monthly repayment: R" + financePeriod.calculate_Repayment() + "\n" +
                "Total Due: R" + (FinancePeriod.getNumberOfMonths() * financePeriod.calculate_Repayment()));
        }

        catch(java.lang.NumberFormatException e){
            JOptionPane.showMessageDialog(null, "You have entered an incorrect input");
        }
    }
}
```

Run (javasateterino) | 3:14:1:15 | INS Windows (CRLF)

Cloudy 22°C ENG US 12:38 2022/06/13

```
SAQ2 - Apache NetBeans IDE 12.6
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
ArtisSearchOop.java x | ArtistTable.java x | artistSubClass.java x | Interface1.java x | CustomerFinance.java x | FinancePeriod.java x | Customer.java x
Source History Services Projects Files
        "Repayment months: " + Customer.getNumberOfMonths() + "\n" +
        "Monthly repayment: R" + someClass.calculate_Repayment() + "\n" +
        "Total Due: R" + (Customer.getProductPrice() + someClass.calculate_Repayment()));

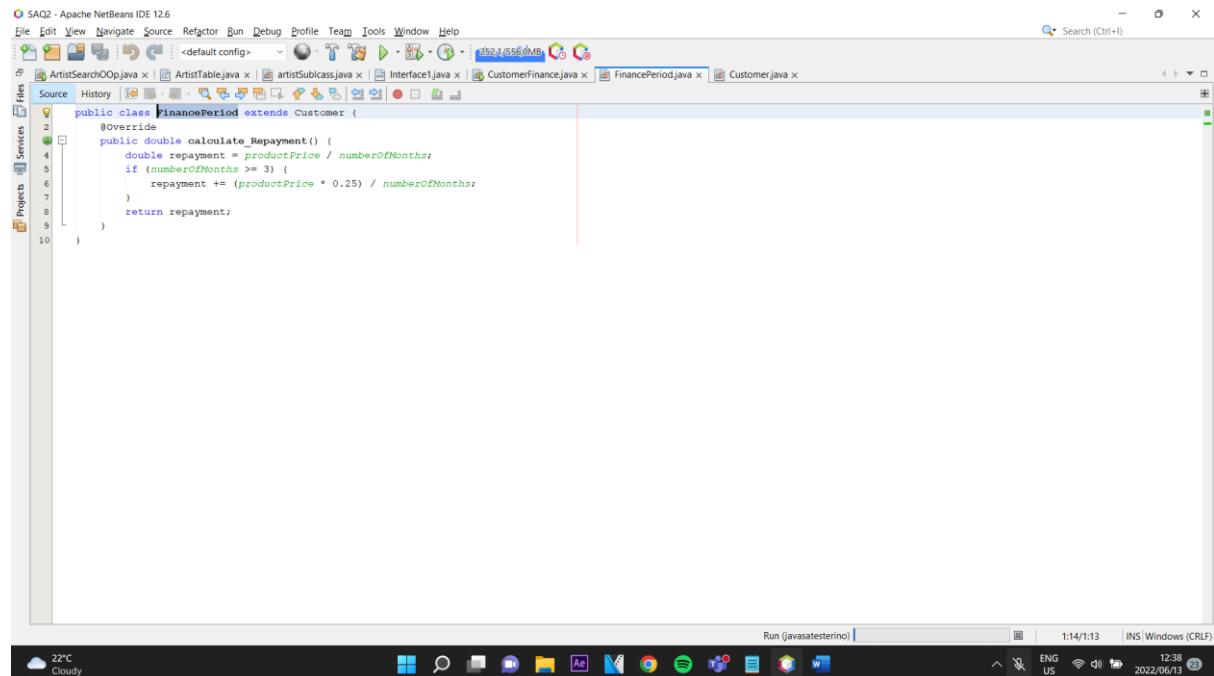
        financePeriod.setCustomerName();
        FinancePeriod.setContactNumber();
        FinancePeriod.setProductPrice();
        FinancePeriod.setNumberOfMonths();
        JOptionPane.showMessageDialog(null,"Class two" + "\n" +
            "Customer Name: " +FinancePeriod.getCustomerName() + "\n" +
            "Customer Contact: " + FinancePeriod.getContactNumber() + "\n" +
            "Product Amount: R" + FinancePeriod.getProductPrice() + "\n" +
            "Repayment months: " + FinancePeriod.getNumberOfMonths() + "\n" +
            "Monthly repayment: R" + financePeriod.calculate_Repayment() + "\n" +
            "Total Due: R" + (FinancePeriod.getNumberOfMonths() * financePeriod.calculate_Repayment()));

        catch(java.lang.NumberFormatException e){
            JOptionPane.showMessageDialog(null, "You have entered an incorrect input");
        }
    }
}
```

Run (javasateterino) | 3:14:1:15 | INS Windows (CRLF)

Cloudy 22°C ENG US 12:38 2022/06/13

FinancePeriod



SAQ2 - Apache NetBeans IDE 12.6

```
public class FinancePeriod extends Customer {
    @Override
    public double calculate_Repayment() {
        double repayment = productPrice / numberOfMonths;
        if (numberOfMonths > 3) {
            repayment += (productPrice * 0.25) / numberOfMonths;
        }
        return repayment;
    }
}
```

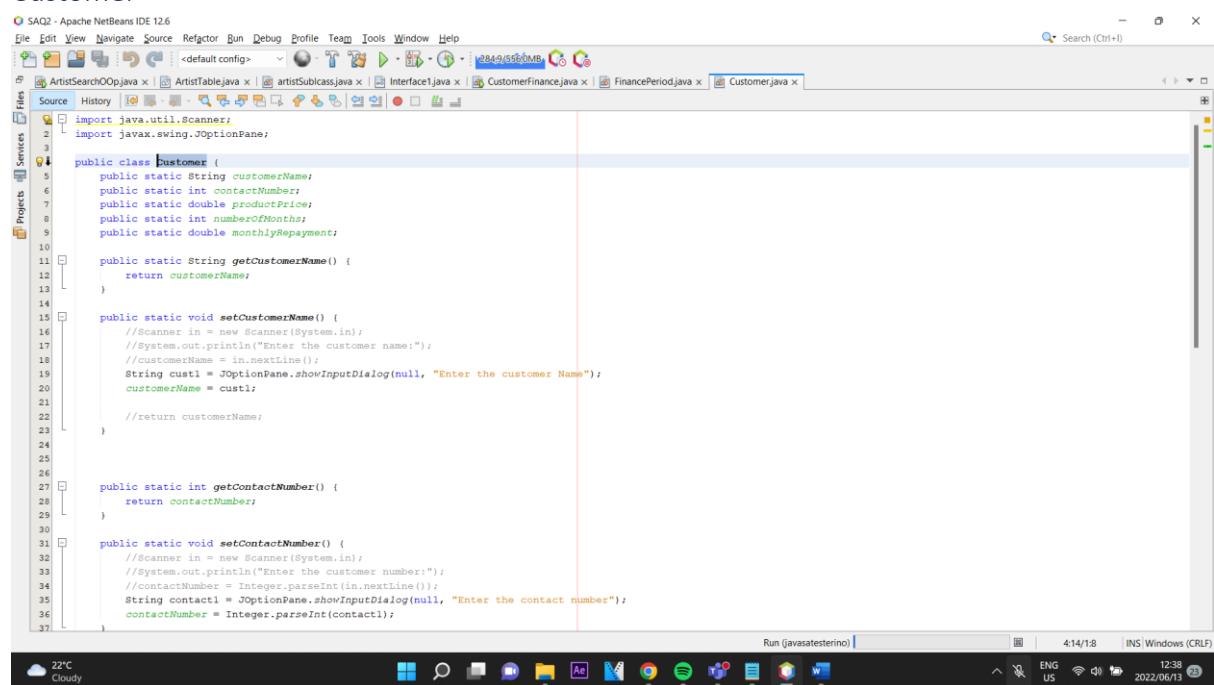
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source History Projects Services Files ArtisSearchOOP.java x ArtisTable.java x artistSubClass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x

Run (javasateterino) | 1:14:1:13 | INS Windows (CRLF)

22°C Cloudy ENG US 12:38 2022/06/13

Customer



SAQ2 - Apache NetBeans IDE 12.6

```
import java.util.Scanner;
import javax.swing.JOptionPane;

public class Customer {
    public static String customerName;
    public static int contactNumber;
    public static double productPrice;
    public static int numberOfMonths;
    public static double monthlyRepayment;

    public static String getCustomerName() {
        return customerName;
    }

    public static void setCustomerName() {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter the customer name:");
        customerName = in.nextLine();
        String cust1 = JOptionPane.showInputDialog(null, "Enter the customer Name");
        customerName = cust1;
    }

    public static int getContactNumber() {
        return contactNumber;
    }

    public static void setContactNumber() {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter the customer number:");
        contactNumber = Integer.parseInt(in.nextLine());
        String contact1 = JOptionPane.showInputDialog(null, "Enter the contact number");
        contactNumber = Integer.parseInt(contact1);
    }
}
```

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source History Projects Services Files ArtisSearchOOP.java x ArtisTable.java x artistSubClass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x

Run (javasateterino) | 4:14:1:8 | INS Windows (CRLF)

22°C Cloudy ENG US 12:38 2022/06/13

SAQ2 - Apache NetBeans IDE 12.6

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+)

ArtisSearchOOp.java x ArtisTable.java x artistSubClass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x

Source History

Projects Services Files

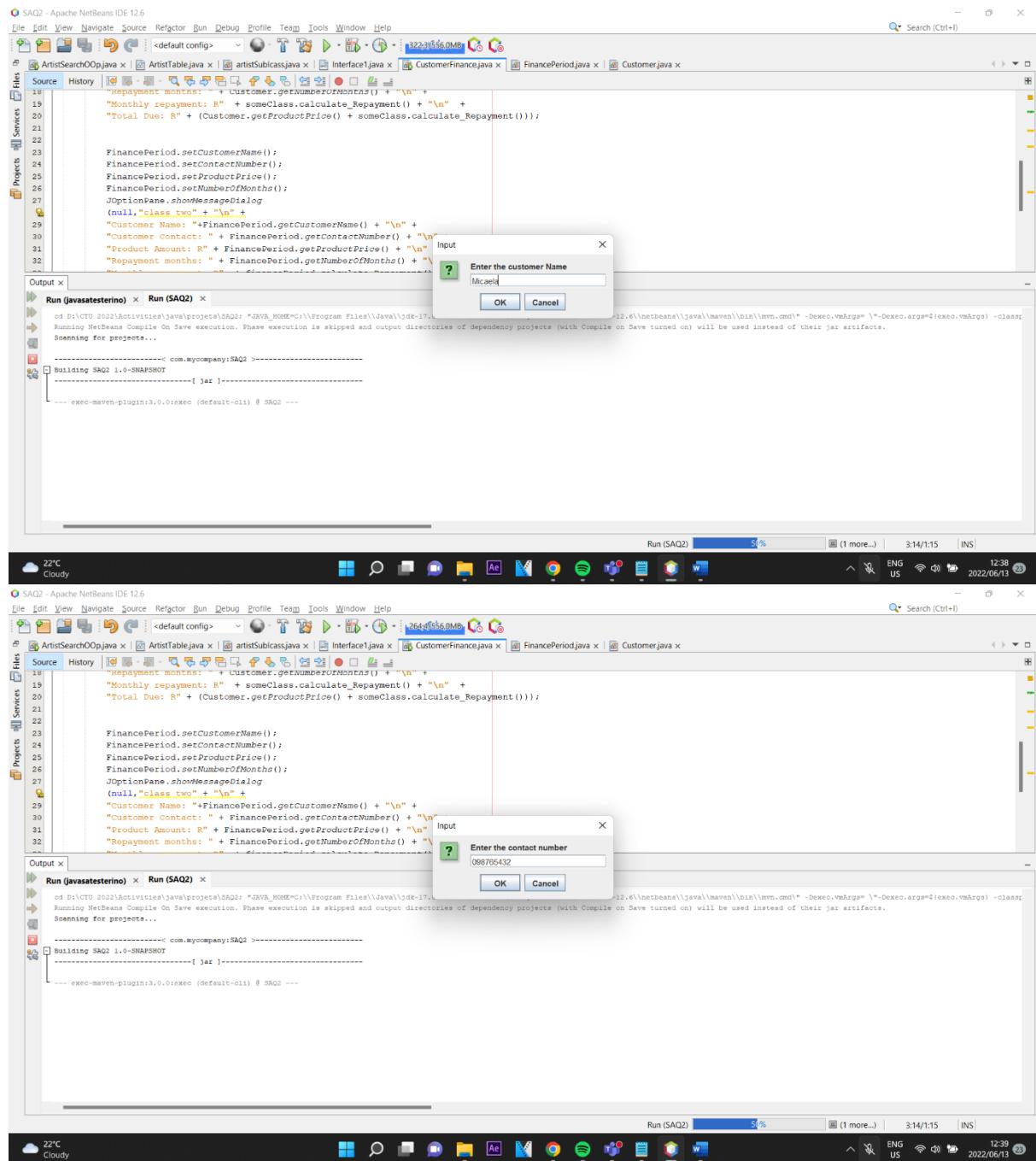
```
37 }
38 }
39 }
40 }
41 }
42 }
43 public static double getProductPrice() {
44     Scanner in = new Scanner(System.in);
45     System.out.println("Enter the product price:");
46     productPrice = Double.parseDouble(in.nextLine());
47     String price1 = JOptionPane.showInputDialog(null,"Enter the price of the product");
48     productPrice = Double.parseDouble(price1);
49 }
50 }
51 public static int getNumberOfMonths() {
52     return numberOfMonths;
53 }
54 }
55 public static void setNumberOfMonths() {
56     Scanner in = new Scanner(System.in);
57     System.out.println("Enter the number of months:");
58     numberOfMonths = Integer.parseInt(in.nextLine());
59     String month1 = JOptionPane.showInputDialog(null,"Enter the number of repayment months");
60     numberOfMonths = Integer.parseInt(month1);
61 }
62 }
63 public double calculate_Repayment() {
64     monthlyRepayment = productPrice / numberOfMonths;
65     return monthlyRepayment;
66 }
67 }
```

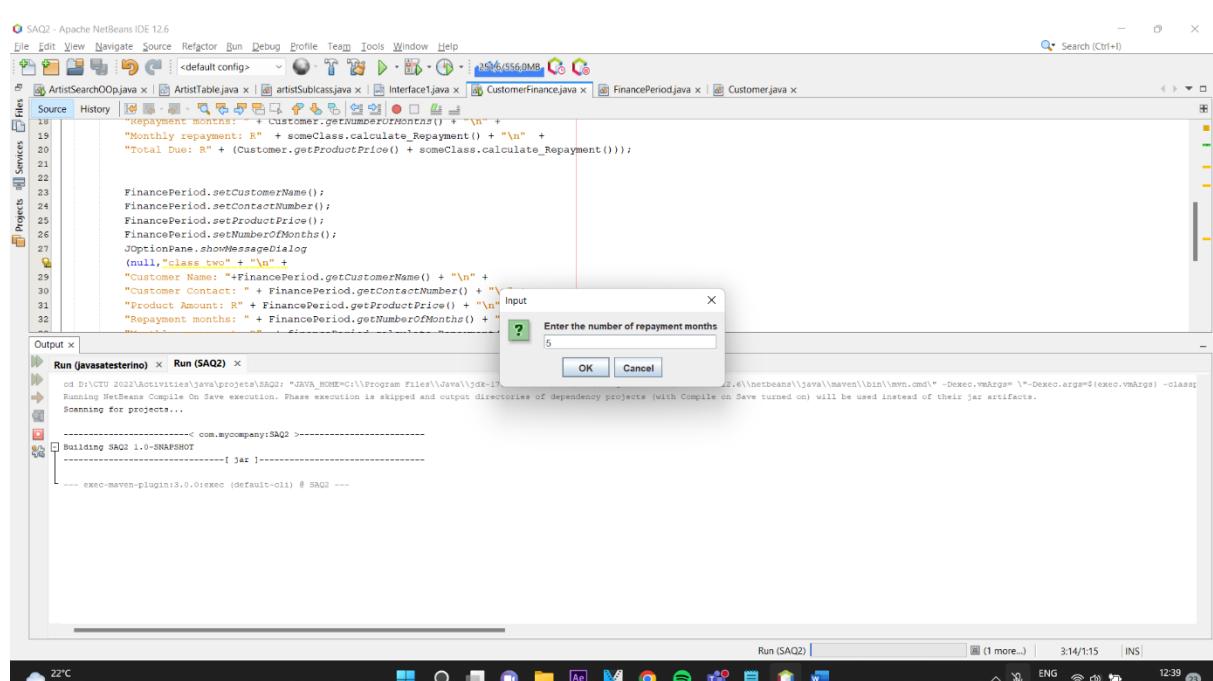
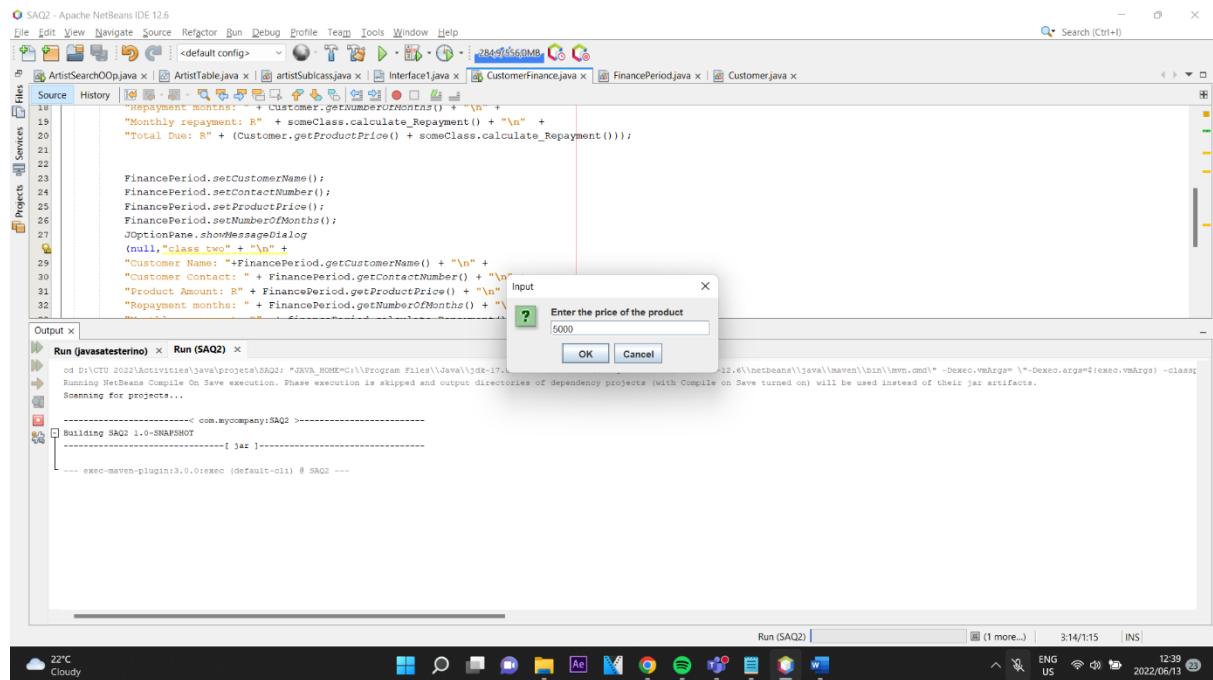
Run (javasatsterino) | 4:14:1:8 | INS Windows (CRLF)

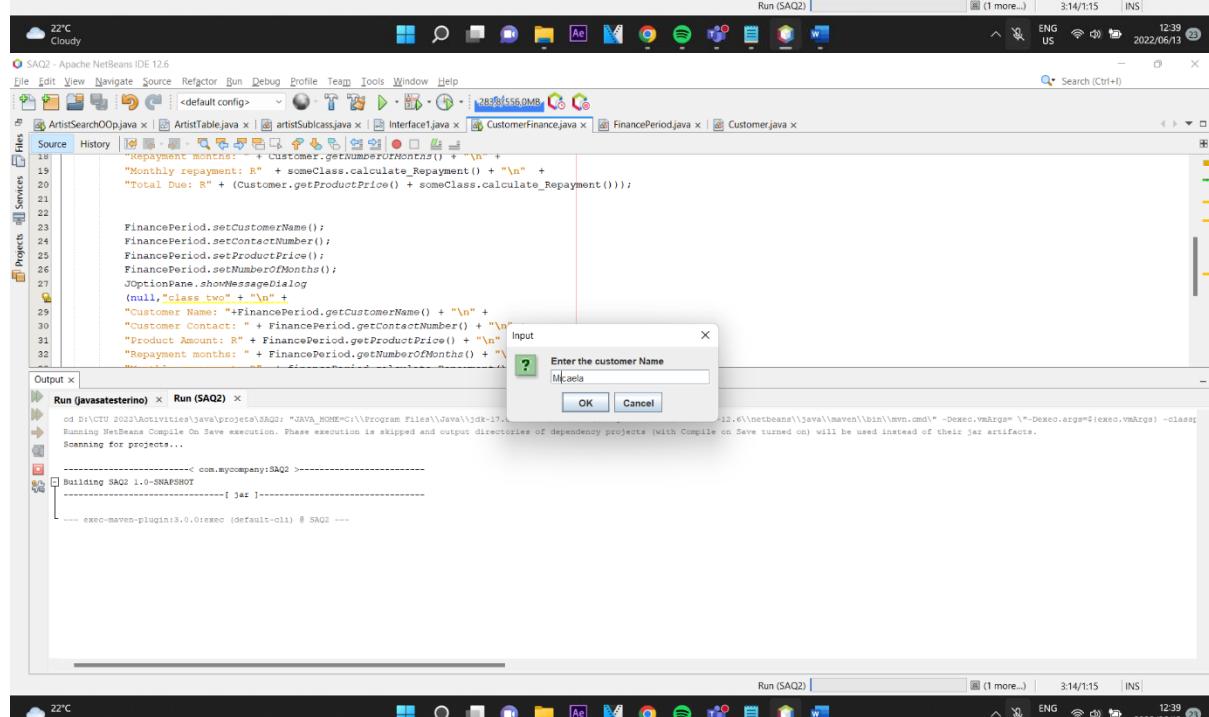
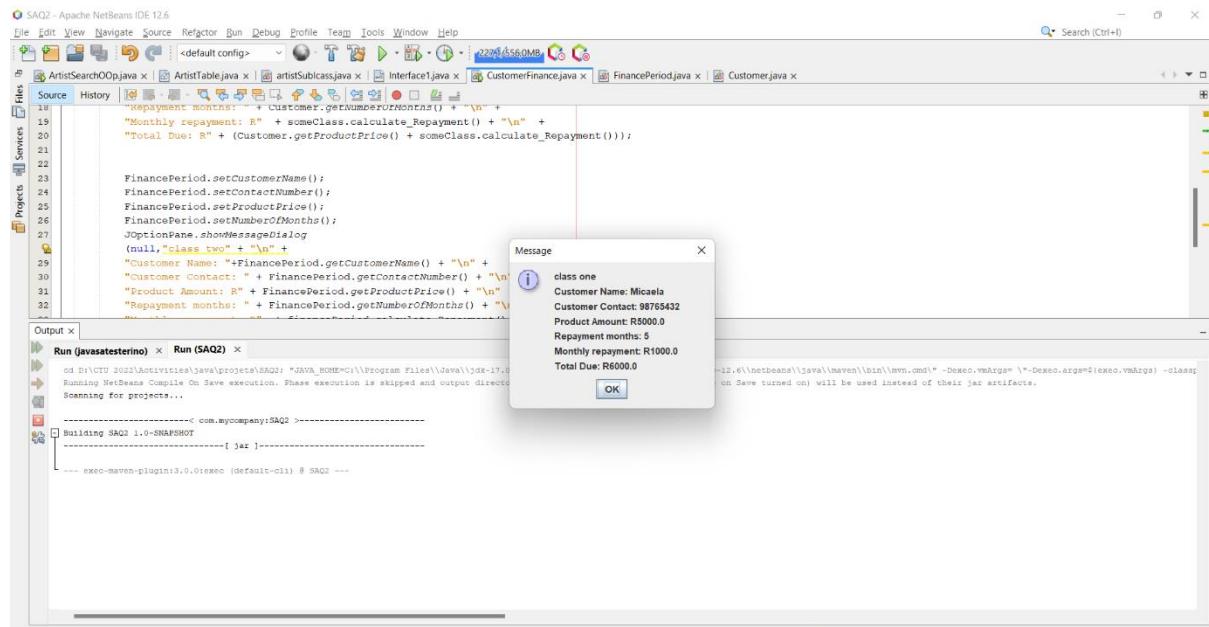
Cloudy 22°C

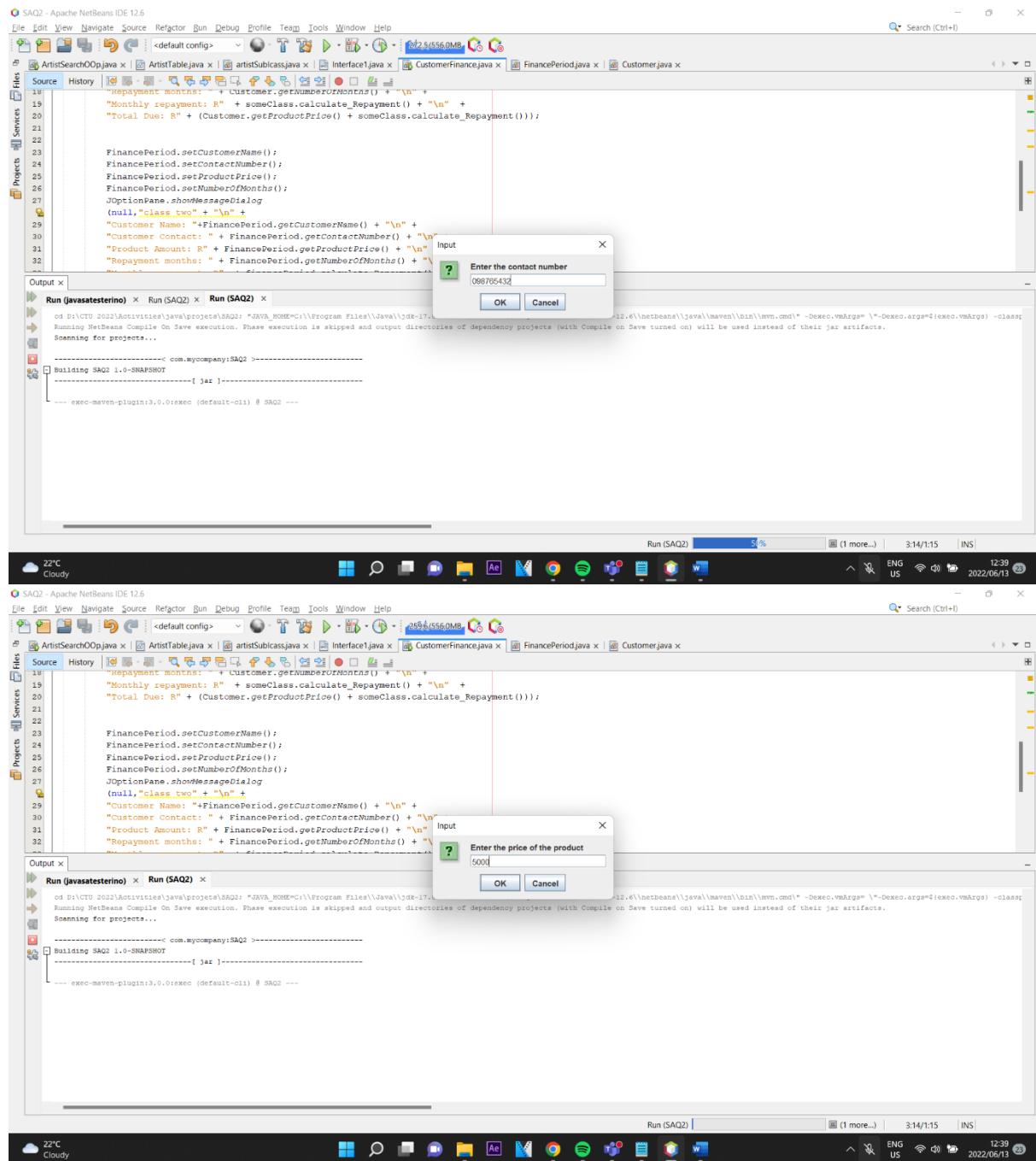
ENG US 12:38 2022/06/13

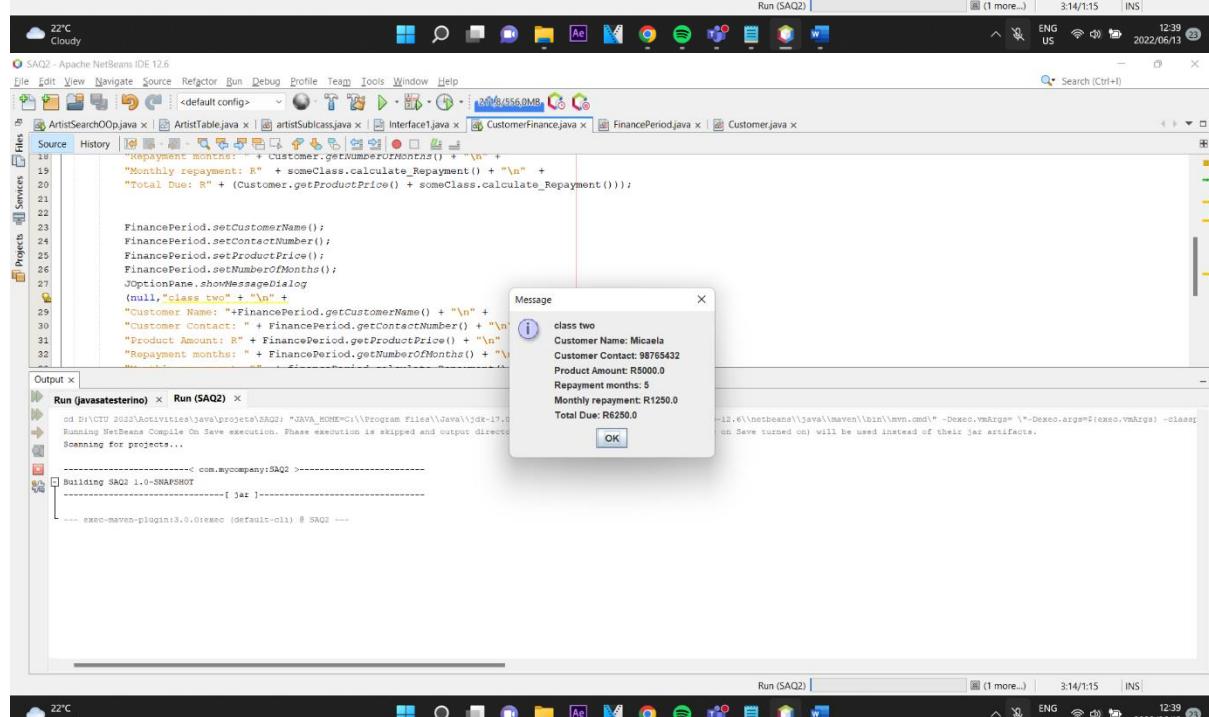
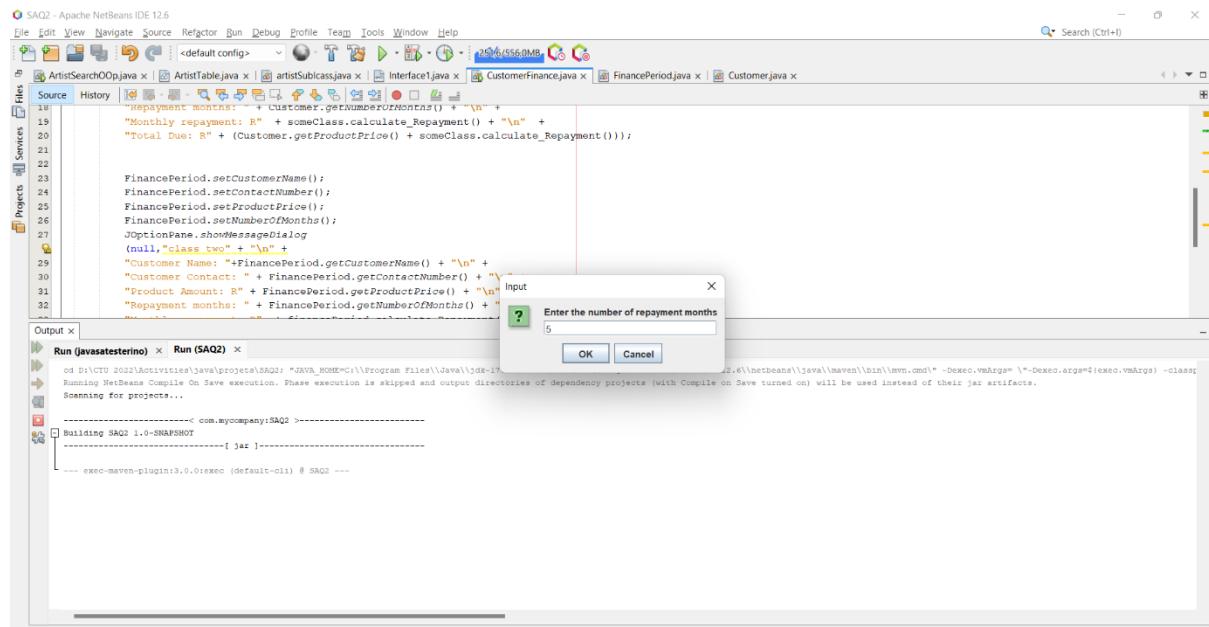
OUTPUT:











SAQ2 - Apache NetBeans IDE 12.6

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source History Projects Services Files ArtisSearchOOp.java x ArtisTable.java x artistSubClass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x

```

18     "Repayment months:" + Customer.getNumberOfMonths() + "\n" +
19     "Monthly repayment: R" + someClass.calculate_Repayment() + "\n" +
20     "Total Due: R" + (Customer.getProductPrice() + someClass.calculate_Repayment()));
21
22
23     FinancePeriod.setCustomerName();
24     FinancePeriod.setContactNumber();
25     FinancePeriod.setProductPrice();
26     FinancePeriod.setNumberOfMonths();
27     JOptionPane.showMessageDialog(
28         null, "class two" + "\n" +
29         "Customer Name: " + FinancePeriod.getCustomerName() + "\n" +
30         "Customer Contact: " + FinancePeriod.getContactNumber() + "\n" +
31         "Product Amount: R" + FinancePeriod.getProductPrice() + "\n" +
32         "Repayment months: " + FinancePeriod.getNumberOfMonths() + "\n"

```

Input
Enter the contact number
Pnn
OK Cancel

Output x Run (javatestero) x Run (SAQ2) x

```

cd D:\CTU 2023\Activities\Java\projects\SAQ2; "JAVA_HOME=C:\Program Files\Java\jdk-17.0.1\bin\java" -Dfile.encoding=UTF-8 -Dmaven.home=D:\netbeans\java\maven\bin\maven -Dexec.executable=D:\netbeans\java\maven\bin\mvn.cmd --Dexec.vmArgs=-Dexec.args=@(exec.vmArgs) -classpath %CLASSPATH% -Dexec.mainClass=SAQ2
Running NetBeans Compile On Save execution. Phase execution is skipped and output directories of dependency projects (with Compile on Save turned on) will be used instead of their jar artifacts.
Scanning for projects...
-----<- com.mycompany:SAQ2 >-----
[ jar ]----->
--- exec-maven-plugin:3.0.0:exec (default-cli) @ SAQ2 ---

```

Run (SAQ2) 5% (1 more...) 3:14:1/15 INS 12:40 ENG US 2022/06/13

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SAQ2 - Apache NetBeans IDE 12.6

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source History Projects Services Files ArtisSearchOOp.java x ArtisTable.java x artistSubClass.java x Interface1.java x CustomerFinance.java x FinancePeriod.java x Customer.java x

```

18     "Repayment months:" + Customer.getNumberOfMonths() + "\n" +
19     "Monthly repayment: R" + someClass.calculate_Repayment() + "\n" +
20     "Total Due: R" + (Customer.getProductPrice() + someClass.calculate_Repayment()));
21
22
23     FinancePeriod.setCustomerName();
24     FinancePeriod.setContactNumber();
25     FinancePeriod.setProductPrice();
26     FinancePeriod.setNumberOfMonths();
27     JOptionPane.showMessageDialog(
28         null, "class two" + "\n" +
29         "Customer Name: " + FinancePeriod.getCustomerName() + "\n" +
30         "Customer Contact: " + FinancePeriod.getContactNumber() + "\n" +
31         "Product Amount: R" + FinancePeriod.getProductPrice() + "\n" +
32         "Repayment months: " + FinancePeriod.getNumberOfMonths() + "\n"

```

Message
You have entered an incorrect input
OK

Output x Run (javatestero) x Run (SAQ2) x

```

cd D:\CTU 2023\Activities\Java\projects\SAQ2; "JAVA_HOME=C:\Program Files\Java\jdk-17.0.1\bin\java" -Dfile.encoding=UTF-8 -Dmaven.home=D:\netbeans\java\maven\bin\maven -Dexec.executable=D:\netbeans\java\maven\bin\mvn.cmd --Dexec.vmArgs=-Dexec.args=@(exec.vmArgs) -classpath %CLASSPATH% -Dexec.mainClass=SAQ2
Running NetBeans Compile On Save execution. Phase execution is skipped and output directories of dependency projects (with Compile on Save turned on) will be used instead of their jar artifacts.
Scanning for projects...
-----<- com.mycompany:SAQ2 >-----
[ jar ]----->
--- exec-maven-plugin:3.0.0:exec (default-cli) @ SAQ2 ---

```

Run (SAQ2) 5% (1 more...) 3:14:1/15 INS 12:40 ENG US 2022/06/13

Cloudy 22°C