Java Lab -6

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Qn1,

```
| Machine | Mach
```

Output:

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PROBLEMS 4 OUTPUT DEBUG CONSOLE <u>TERMINAL</u> PORTS SQLHISTORY TASK MONITOR COMMENTS

• PS D:\Academics> cd "d:\Academics\Sem4\Java Programming Lab\Lab6\" ; if ($?) { javac q1.java } ; if ($?) { java q1 } 64 32 201.06 50.27

• PS D:\Academics\Sem4\Java Programming Lab\Lab6>
```

Output:

```
PROBLEMS (4) OUTPUT DEBUG CONSOLE TERMINAL PORTS SQL HISTORY TASK MONITOR COMMENTS

PS D:\Academics> cd "d:\Academics\Sem4\Java Programming Lab\Lab6\"; if ($?) { javac Main.java }; if ($?) { java Main } Smallest Element - 1: 32
Smallest Element - 2: 12
Greatest Element - 2: 12
PS D:\Academics\Sem4\Java Programming Lab\Lab6>
```

Qn3,

```
import java.util.Scanner;
interface Product {
                                                    void ProductDetails();
void show_Bill();
                                               class Customer {
    String id, name;
    public void getdetails() {
                                                         Scanner sc = new Scanner(System.in);
id = sc.nextLine();
                                                          name = sc.nextLine();
                                                    public void showdetails() {
    System.out.println("ID:" + id);
    System.out.println("NAME:" + name);
                                               class OrderOnline extends Customer implements Product {
                                                    double totalBill = 0;
                                                    @Override
public void ProductDetails() {
                                                         Scanner sc = new Scanner(System.in);
numItems = sc.nextInt();
                                                         productNames = new String[numItems];
productCosts = new double[numItems];
for (int i = 0; i < numItems; i++) {
    productNames[i] = sc.next();
    productCosts[i] = sc.nextDouble();</pre>
                                                          if (totalBill <= 10000) {
                                                          } else if (totalBill > 10000 && totalBill <= 30000) {
                                                           } else if (totalBill > 30000 && totalBill <= 50000) {
   totalBill += totalBill * 0.07;
                                                           } else {
                                                               totalBill += totalBill * 0.09;
                                                              @Override
J Circle.class
                                                              public void show_Bill() {
                                                                    System.out.println("Bill:" + totalBill);
J Matrix.class
                                                             public static void main(String[] args) {
J q1.java
J Square.class
                                                                          OrderOnline customer = new OrderOnline();
                                                                          customer.getdetails();
                                                                          customer.ProductDetails();
                                                                          customer.showdetails();
                                                                           customer.show_Bill();
```

Output:

```
PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS SQL HISTORY TASK MONITOR COMMENTS

PS D:\Academics> cd "d:\Academics\Sem4\Java Programming Lab\Lab6\" ; if ($?) { javac OrderOnline.java } ; if ($?) { java OrderOnline } 
01
123
pran
2
1
2
3
1
ID:123
NAME:pran
Bill:3.0
PS D:\Academics\Sem4\Java Programming Lab\Lab6>
```