```
//Student's Full name: Tasfique Enam
//Student's ID: 5886429
//Task1
package labtask7;

public class Troll {
    private String name;
    private String type;
    private int age;
    private static  double toll;

    //default constructor
   public Troll(){
       name = null;
       type = null;
       age = 0;
       toll = 15;
   }
   //accessor
   void setDetails(String name, String type, int age){
       this.name = name;
       this.type= type;
       this.age = age;
   }
   //mutator
   String getName(){
       return name;
```

```
    }

    String getType(){
        return type;
    }

    int getAge(){
        return age;
    }

    double getToll(){
        return toll;
    }
    //to display the data
    public void DisplayData(){
        System.out.println(getName()+" is a "+ getType()+" troll!!!");
        System.out.println(getName() + " is " + getAge()+" years old. ");
        System.out.println("The Troll toll is RM" + getToll());
    }



}

//Student's Full name: Tasfique Enam
//Student's ID: 5886429
//Task1
```

```
package labtask7;
import java.util.*;
public class TrollMain {
    public static void main(String[]args){
        Scanner read = new Scanner (System.in);
        String name, type;
        int age;
        Troll troll[] = new Troll[2];
        for (int i=0; i<2; i++){
            troll[i] = new Troll();
        }
        int choice, counter = 0;
        do{
        System.out.println("1. set troll details ");
        System.out.println("2. display all the troll details");
        System.out.println("0. Exit");

        choice = read.nextInt();

        switch(choice){
            case 1:
                System.out.println("Enter the name ");
                name = read.next();
                System.out.println("Enter the type ");
                type = read.next();
                System.out.println("Enter the age ");
                age = read.nextInt();
```

```
                troll[counter].setDetails(name, type, age);
                counter++;
                break;
            case 2:
                for (int j=0; j<counter; j++){
                    troll[j].DisplayData();
                    break;
                }
        }

        }while (choice != 0);
    }
}

//Student's Full name: Tasfique Enam
//Student's ID: 5886429
//Task2
package labtask7;

public class DivisionSales {
    int quaters [] = new int [4];
    private static double corpsales = 0;

    public DivisionSales(){
        corpsales = 0.0;
        quaters [0] = 0;
        quaters [1] = 0;
```

```
    quaters [2] = 0;
    quaters [3] = 0;

}

public void setDetails(int quater1, int quater2, int quater3, int quater4){
    quaters[0] = quater1;
    quaters[1] = quater2;
    quaters[2] = quater3;
    quaters[3] = quater4;
    for (int x=0;x<4;x++){
        corpsales = corpsales + quaters[x];
    }

}


int getQuater1(){
    return quaters[0];
}

int getQuater2(){
    return quaters[1];
}

int getQuater3(){
    return quaters[2];
```

```
    }

    int getQuater4(){
        return quaters[3];
    }




    public void DisplayData(){
        System.out.println("Q1 "+getQuater1()+"Q2 "+getQuater2()+"Q3 "+getQuater3()+"Q4 "+getQuater4());
    }




}

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 */
package labtask7;
import java.util.*;
/**
 *
 * @author Tasfique
```

```
 */
public class SalesMain {
    public static void main(String[]args){
        Scanner read = new Scanner (System.in);
        int quater1, quater2, quater3, quater4;
        DivisionSales sales[] = new DivisionSales[6];
       for (int i=0; i<6; i++){
          sales[i] = new DivisionSales();
          int choice, counter = 0;
          do{
        System.out.println("1. enter quater ");
        System.out.println("2. display");
        System.out.println("0. Exit");

        choice = read.nextInt();

        switch(choice){
            case 1:
                System.out.println("Enter the quater1 ");
                quater1 = read.nextInt();
                System.out.println("Enter the quater2 ");
                quater2 = read.nextInt();
                System.out.println("Enter the quater3 ");
                quater3 = read.nextInt();
                System.out.println("Enter the quater4 ");
                quater4 = read.nextInt();
                sales[counter].setDetails(quater1, quater2, quater3, quater4);
```

```
                counter++;
                break;
            case 2:
                for (int j=0; j<counter; j++){
                    sales[j].DisplayData();
                    break;
                }
        }

        }while (choice != 0);
       }
    }
}
```