

/\*Q 1 design a class having method signature like give below

int addarray(int g[])  
the above function take array as argument and return sum of array to calling program  
\*/

```
package pack3;
import java.util.Scanner;
public class Quesc {
    int sum=0;
    int addarray(int g[])
    {
        for(int i=0;i<g.length;i++)
        {
            sum=sum+g[i];
        }
        return sum;
    }

    public static void main(String[] args) {
Scanner r=new Scanner(System.in);

System.out.println("enter size of an array");
int size=r.nextInt();
int g[]=new int[size];
System.out.println("enter elements");
for(int i=0;i<g.length;i++)
{

    g[i]=r.nextInt();
}
Quesc s=new Quesc();
int p= s.addarray(g);
System.out.println("sum is :"+p);

    }
}
```

Output :

enter size of an array

4

enter elements

23

24

25

20

sum is :92

```
/* Q 2 Q WAP using parameterized constructor with two parameters id and name. While
creating the objects obj1 and obj2
passed two arguments so that this constructor gets invoked after creation of obj1 and
obj2 */
```

```
package pack3;

public class QUES2
{
    int j;
    String r;

    QUES2(int id, String name)
    {
        this.j=id;
        this.r=name;
    }

    void display()
    {
        System.out.println("id is :"+j+" "+"name is :"+r);
    }
}
```

```
package pack3;

public class Hello {

    public static void main(String args[])
    {

        QUES2 obj1= new QUES2(12345,"rohit");
        obj1.display();

        QUES2 obj2= new QUES2(24587,"mohan");
        obj2.display();

    }
}
```

Output :

```
id is :12345 name is :rohit
id is :24587 name is :mohan
```

/\*Q 6 Write a program by creating an 'Employee' class having the following methods and print the final salary.

1 - 'getInfo()' which takes the salary, number of hours of work per day of employee as parameter

2 - 'AddSal()' which adds 10000 to salary of the employee if it is less than 50000.

3 - 'AddWork()' which adds 5000 to salary of employee if the number of hours of work per day is more than 6 hours.\*/

```
package pack3;
public class Employee {
    float salary;
    float hours;

    void getInfo(float s, float h)
    {
        salary=s;
        hours=h;
    }
    void AddSal()
    {
        if(salary<50000)
        {
            salary=salary+10000;
        }
    }
    void AddWork()
    {
        if(hours>6)
        {
            salary=salary+5000;
        }
    }

    void show()
    {
        System.out.println("salary is :"+salary);
    }
    public static void main(String args[])
    {
        Employee r=new Employee();
        r.getInfo(60000,8);
        r.AddSal();
        r.AddWork();
        r.show();
    }
}
```

Output:

salary is :65000.0

```

/*Q 16 create a class Toy having variable toyname ,price,and static variable "madein"
.
create no arg and parameterized constructor to initialize class variables .
Define static function staticdisplay and non static method display

--display() print class non static variable
--staticdisplay print static variable

create another class ElectronicToy which has fileds like modelno and Toy reference .
create parametrized constructor to initialize both variables.
In Elctronic Class define printAll function that print all values of same class as
well as call toy class static and non static functions .

*/

```

```

package pack3;

```

```

public class Toy {

    String name;
    int price;
    static String madein="BIHAR";

    Toy()
    {
        name="";
        price=20;
    }
    Toy(String x,int y)
    {
        name=x;
        price=y;
    }

    void display()
    {
        System.out.println(" name is :"+ name +" price is :"+ price);
    }

    static void staticdisplay()
    {
        System.out.println("made in "+ madein);
    }

}

```

```

package pack3;

```

```

public class ELECTRONICToy {
    String modelno;
    Toy z;
    ELECTRONICToy (String x, Toy y)
    {

```

```

        this.modelno=x;
        this.z= y;
    }
    void printall()
    {
        System.out.println("modelno =" + modelno);
        z.display();
        Toy.staticdisplay();
    }
    public static void main(String[] args) {

        Toy n= new Toy("doll",200);
        ELECTRONICToy r= new ELECTRONICToy("BR01YZ",n);
        r.printall();
    }
}

```

Output :

```

modelno =BR01YZ
name is :doll price is :200
made in BIHAR

```

/\*Q 16 Wap in java that ask name ,age salary of a user from command line and  
 \* print themand check if salary >20000 then print eligible for trip \*/

```

package pack3;

public class Ques16 {
    public static void main(String[] args) {
        String name=args[0];
        int age=Integer.parseInt(args[1]);
        float salary= Float.parseFloat(args[2]);
        System.out.println(name+" " +age+" "+salary);
        if(salary>20000)
        {
            System.out.println("eligible for trip");
        }
    }
}

```

Output :

```

sohan 30 300000.0
eligible for trip

```