

NAME =RAVIKUMAR BADAMI
DIV=A
ROLLNO=20023

1)

```
public class Q1{
    public static void main(String[] args){
        for(int i=1;i<=10;i++){
            int a =i*10;
            System.out.println("10 x "+i+" =" +a);
        }}
}
```

2)1.

```
public class pyramid {

    public static void main(String[] args) {
        int rows = 5;

        for (int i = 1; i <= rows; ++i) {
            for (int j = 1; j <= i; ++j) {
                System.out.print(j + " ");
            }
            System.out.println();
        }
    }
}
```

2)2.

```
public class pyramid {

    public static void main(String[] args) {
        for(int i=1;i<=5;i++){
            for(int k=4;k>=i;k--){
                System.out.print(" ");
            }
            for(int j=1;j<=i;j++){
                System.out.print("* ");
            }
            System.out.println();
        }
    }
}
```

2)3.

```
public class pyramid {  
    public static void main(String[] args) {  
        int rows = 5, number = 1;  
        for(int i = 1; i <= rows; i++) {  
            for(int j = 1; j <= i; j++) {  
                System.out.print(number + " ");  
                ++number;  
            }  
            System.out.println();  
        }  
    }  
}
```

2)4.

```
public class pyramid {  
  
    public static void main(String[] args) {  
        for(int i=1;i<=5;i++){  
            for(int k=4;k>=i;k--){  
                System.out.print(" ");  
            }  
            for(int j=1;j<=i;j++){  
                System.out.print(" *");  
            }  
            System.out.println();  
        }  
    }  
}
```

2)5.

```
public class pyramid {  
    public static void main(String[] args) {  
        for(int i=1;i<6;i++){  
            for(int k=1;k<i;k++){  
                System.out.print(" ");  
            }  
            for(int j=1;j<=6-i;j++){  
                System.out.print("*"+" ");  
            }  
        }  
    }  
}
```

```

    }
    System.out.println();
}
}

```

2)6.

```

public class pyramid
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the number of rows: ");

        int rows = sc.nextInt();
        for (int i= 0; i<= rows-1 ; i++)
        {
            for (int j=0; j<=i; j++) { System.out.print("*"+ " "); }

```

3)

```

public class Q3{
    public static void main(String[] args){
        Employee E1= new Employee();
        E1.getInfo();
    }
}

```

```

class Employee{
    private int YearOfJoining;
    private int Salary;
    private String address;

    void getInfo(){
        System.out.println("Name          YearOfJoining      Address");
        System.out.println("Robert          1994          64c-WallsShreat");
        System.out.println("sam            2000          68D-WallsStreat");
        System.out.println("john           1999          26B-WallsStreat");
    }
}

```

4)

```
public class Q4{
    public static void main(String[] args){
        q4 q1=    new q4();
        q4 q2=    new q4(2,3);
        q4 q3=    new q4(2,3,4);
    }}

class q4{
    void q4(){
        System.out.println("plss give number");
    }
    void q4(int a,int b){
        System.out.println("a+b");
    }

    void q4(int a,int b,int c){
        System.out.println("a+b+c");
    }}

```

5)

```
import java.util.Scanner;
public class Q5 {
    public static void main(String[] args) {
        ADMISSION A1= new ADMISSION();
        A1.ReadDate();
        A1.Display();
        A1.DrawNos();
    }
}
class ADMISSION{

    private int[] AD_NO ;
    private String[] name;

```

```

private String[] Class;
private float[] fees;

void ReadDate(){
    Scanner sc= new Scanner(System.in);
    System.out.print("how many number of students details you want to add:");
    int number= sc.nextInt();
    AD_NO=new int[number];
    name=new String[number];
    Class= new String[number];
    fees= new float[number];

    for (int i = 0; i < number; i++) {
        System.out.println("Enter the admission number of student "+(i+1));
        AD_NO[i]=sc.nextInt();
        System.out.println("Enter the name of the student ");
        name[i]=sc.next();
        System.out.println("Enter the class of the students");
        Class[i]=sc.next();
        System.out.println("Enter the fees");
        fees[i]= sc.nextFloat();
        System.out.println();
    }
}

void Display(){
    System.out.println("Display....");
    System.out.println();
    for (int i = 0; i <AD_NO.length ; i++) {

        System.out.println("name: "+name[i]);
        System.out.println("Admission of student is:"+AD_NO[i]);
        System.out.println("Class of student is:"+Class[i]);
        System.out.println("fees of student is:"+fees[i]+"/-");
        System.out.println();
    }
}

void DrawNos(){
    System.out.println("The random picks are:");

    for (int i = 0; i <=1; i++) {
        int rnd= new Random().nextInt(AD_NO.length);
    }
}

```

```

        System.out.println("name: "+name[rnd]);
        System.out.println("Admission of student is:"+AD_NO[rnd]);
        System.out.println("Class of student is:"+Class[rnd]);
        System.out.println("fees of student is:"+fees[rnd]+"/-");
        System.out.println();
    }

}
}

```

6)

```

class Q6{
    public static void main(String[] args){
        Parent p1= new Parent();
        p1.getMessage();

        Child c1= new Child();
        c1.getMessage();

        Parent pc= new Child();
        p1.getMessage();

    }
}

class Parent{

void getMessage(){
    System.out.println("This is a Parent class");
}

}

class Child extends Parent{
    Child(){
        super();}
    void getMessage(){
        System.out.println("This is a child class");
    }
}

```

7)

```
class Q6{
    public static void main(String[] args){
        Parent p1= new Parent();
        p1.getMessage();

        Child c1= new Child();
        c1.getMessage();

        Parent pc= new Child();
        p1.getMessage();

    }
}
```

```
class Parent{

void getMessage(){
    System.out.println("This is a Parent class");

}

}
```

```
class Child extends Parent{
Child(){
super();}
void getMessage(){
    System.out.println("This is a child class");
}
}
```
