

JAVA PROGRAMS

1. Write java program to print Biggest of 3 Numbers using Command line arguments.

```
class Biggest
```

```
{
```

```
    int biggestNumber(int a,int b,int c)
```

```
    {
```

```
        int G=a;
```

```
        if(b>G)
```

```
        {
```

```
            G=b;
```

```
        }
```

```
        if(c>G)
```

```
        {
```

```
            G=c;
```

```
        }
```

```
        return(G);
```

```
    }
```

```
    public static void main(String src[])
```

```
    {
```

```
        int x=Integer.parseInt(src[0]);
```

```
        int y=Integer.parseInt(src[1]);
```

```
        int z=Integer.parseInt(src[2]);
```

```
        Biggest obj=new Biggest();
```

```
        System.out.println("Biggest number="+obj.biggestNumber(x,y,z));
```

```
    }
```

```
}
```

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Output:

java Biggest 23 56 54

Biggest number=56

2. Write a java program to print Factorial of a given number.

```
import java.util.Scanner;
class Factorial
{
    long findFactorial(int n)
    {
        long fact=1;
        while(n>0)
        {
            fact=fact*n;
            n-=1;
        }
        return(fact);
    }
    public static void main(String src[])
    {
        System.out.print("Enter a number for find factorial=");
        Scanner scan=new Scanner(System.in);
        int N=scan.nextInt();
        Factorial obj=new Factorial();
        System.out.print("Factorial of "+N+" = "+obj.findFactorial(N));
    }
}
```

Output:

Enter a number for find factorial=7

Factorial of 7 = 5040

3. Write a java program to print sum of Sum of Digits and check for palindrome.

```
import java.util.Scanner;
class Palindrome
{
    int sum_Of_Digits(int n)
    {
        int sum=0;
```

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```
        while(n>0)
        {
            sum=sum+(n%10);
            n=n/10;
        }
        return (sum);
    }
    boolean palindromeCheck(int n)
    {
        int rev=0, N=n;
        while(n>0)
        {
            rev=rev*10+(n%10);
            n=n/10;
        }
        if(rev==N)
        {
            return(true);
        }
        else
        {
            return(false);
        }
    }
    public static void main(String src[])
    {
        System.out.print("Enter a number=");
        Scanner scan=new Scanner(System.in);
        int n=scan.nextInt();
        Palindrome obj=new Palindrome();
        System.out.println("Sum of all digits of "+n+" = "+obj.sum_Of_Digits(n));
        if(obj.palindromeCheck(n))
        {
            System.out.println(n+" is a palindrome number");
        }
        else
        {
            System.out.println(n+" is not a palindrome number");
        }
    }
}
```

Output:

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Enter a number=678

Sum of all digits of 678 = 21

678 not a palindrome number

4. Write a java program to print the names in sorted order using arrays.

```
import java.util.Scanner;
```

```
class Names
```

```
{
    String[] namesSorting(String[] str)
    {
        int len=str.length;
        for(int i=0; i<len; i++)
        {
            for(int j=i+1; j<len; j++)
            {
                if(str[i].compareTo(str[j])>0)
                {
                    String ch=str[i];
                    str[i]=str[j];
                    str[j]=ch;
                }
            }
        }
        return(str);
    }
    public static void main(String src[])
    {
        System.out.print("How many names do you want to enter=");
        Scanner scan=new Scanner(System.in);
        int n=scan.nextInt();
        String str[]=new String[n];
        Scanner sca=new Scanner(System.in);
        for(int i=0; i<n; i++)
        {
            System.out.print("Enter "+(i+1)+"th name=");
            str[i]=sca.nextLine();
        }
        System.out.println("Entered names are following:");
        for(int i=0; i<n; i++)
        {
            System.out.println((i+1)+" . "+str[i]);
        }
        Names obj=new Names();
    }
}
```

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```
String s[]=obj.namesSorting(str);
System.out.println("Sorted names are following:");
for(int i=0; i<n; i++)
{
    System.out.println((i+1)+" . "+s[i]);
}
}
```

Output:

How many names do you want to enter=4

Enter 1th name=Ranjan

Enter 2th name=Suresh

Enter 3th name=Aaditaya

Enter 4th name=Aman

Entered names are following:

1. Ranjan
2. Suresh
3. Aaditaya
4. Aman

Sorted names are following:

1. Aaditaya
2. Aman
3. Ranjan
4. Suresh

5. Write a java program to compute matrix multiplication using arrays.

```
import java.util.Scanner;
class Matrix
{
    int[][] matInput(int r,int c)
    {
        int mat[][]=new int[r][c];
        Scanner s=new Scanner(System.in);
        for(int i=0; i<r; i++)
        {
            for(int j=0; j<c; j++)
            {
                System.out.print("Enter "+(i+1)+"*"+(j+1)+"th element=");
                mat[i][j]=s.nextInt();
            }
        }
    }
}
```

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```
        return(mat);
    }
int[][] matMultiplication(int mat1[][],int mat2[][])
{
    int row1=mat1.length;
    int col1=mat1[0].length;
    int row2=mat2.length;
    int col2=mat2[0].length;
    int mat3[][]=new int[row1][col2];
    for(int i=0; i<row1; i++)
    {
        for(int j=0; j<col2; j++)
        {
            int sum=0;
            for(int k=0; k<col1; k++)
            {
                sum=sum+(mat1[i][k]*mat2[k][j]);
            }
            mat3[i][j]=sum;
        }
    }
    return(mat3);
}
void matOutput(int mat[][])
{
    int row=mat.length;
    int col=mat[0].length;
    for(int i=0; i<row; i++)
    {
        for(int j=0; j<col; j++)
        {
            System.out.print(mat[i][j]+"\\t");
        }
        System.out.println();
    }
}
public static void main(String src[])
{
    System.out.println("...Matrix Multiplication...");
    System.out.print("Enter no. of rows and columns of 1st matrix=");
    Scanner scan=new Scanner(System.in);
    int r1=scan.nextInt();
```

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```
int c1=scan.nextInt();
System.out.print("Enter no. of rows and columns of 2nd matrix=");
int r2=scan.nextInt();
int c2=scan.nextInt();
Matrix obj=new Matrix();
if(c1==r2)
{
    System.out.println("Enter values in 1st "+r1+"*"+c1+" matrix=");
    int mat1[][]=obj.matInput(r1,c1);
    System.out.println("Enter values in 2nd "+r2+"*"+c2+" matrix=");
    int mat2[][]=obj.matInput(r2,c2);
    int mat3[][]=obj.matMultiplication(mat1,mat2);
    System.out.println("\nEntered 1st matrix is following:");
    obj.matOutput(mat1);
    System.out.println("\nEntered 2nd matrix is following:");
    obj.matOutput(mat2);
    System.out.println("\nAfter multiplication resultant 3rd matrix is following:");
    obj.matOutput(mat3);
}
else
{
    System.out.println("NOTE: Columns of 1st matrix should be equal to rows of 2nd
matrix");
    System.out.println("...Try again...");
}
}
```

Output:

```
...Matrix Multiplication...
Enter no. of rows and columns of 1st matrix=2
3
Enter no. of rows and columns of 2nd matrix=3
2
Enter values in 1st 2*3 matrix=
Enter 1*1th element=3
Enter 1*2th element=4
Enter 1*3th element=5
Enter 2*1th element=4
Enter 2*2th element=3
Enter 2*3th element=5
Enter values in 2nd 3*2 matrix=
```

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Enter 1*1th element=3
Enter 1*2th element=4
Enter 2*1th element=5
Enter 2*2th element=6
Enter 3*1th element=7
Enter 3*2th element=6

Entered 1st matrix is following:

3	4	5
4	3	5

Entered 2nd matrix is following:

3	4
5	6
7	6

After multiplication resultant 3rd matrix is following:

64	66
62	64

II. Method Overloading

6. Write a java program to demonstrate method overloading to add two integers, add two strings.

```
import java.util.Scanner;
class MethodsOverloading
{
    void addition(int a,int b)
    {
        System.out.println("Addition of "+a+" and "+b+" is= "+(a+b));
    }
    void addition(String s1, String s2)
    {
        String str=s1+s2;
        System.out.println("Addition of entered strings= "+str);
    }
}
class MainClass
{
    public static void main(String src[])
    {
```


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```
System.out.print("Enter two string values=");
Scanner scan=new Scanner(System.in);
String str1=scan.nextLine();
String str2=scan.nextLine();
System.out.print("Enter two integer values=");
int x=scan.nextInt();
int y=scan.nextInt();
MethodsOverloading obj=new MethodsOverloading();
obj.addition(x,y);
obj.addition(str1,str2);
}
```

Output:

Enter two string values=Reva

University

Enter two integer values=56

78

Addition of 56 and 78 is= 134

Addition of entered strings= RevaUniversity

III. Constructor overloading

7. Write a java program for Rectangle class using constructor overloading with different number of parameter list.

```
import java.util.Scanner;
class Rectangle
{
    Rectangle(int L,int B)
    {
        int pe=2*(L+B);
        System.out.println("Perimeter of Rectangle= "+pe);
    }
    Rectangle(int area)
    {
        System.out.println("Area of Rectangle= "+area);
    }
}
class MainClass
{
    public static void main(String src[])
```

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```
{
    System.out.print("Enter length and breadth of rectangle=");
    Scanner scan=new Scanner(System.in);
    int l=scan.nextInt();
    int b=scan.nextInt();
    int Ar=l*b;
    Rectangle obj1=new Rectangle(Ar);
    Rectangle obj2=new Rectangle(l,b);
}
```

Output:

Enter length and breadth of rectangle=78

88

Area of Rectangle= 6864

Perimeter of Rectangle= 332

IV.Inheritance & Abstract class

8.Write a java program to demonstrate i. Simple Inheritance ii. multilevel inheritance.

i. Simple Inheritance

```
import java.util.Scanner;
```

```
class Base
```

```
{
    String name,SRN;
    long mob;
    void input()
    {
        System.out.print("Enter Name,SRN and Mobile no of student=");
        Scanner scan=new Scanner(System.in);
        name=scan.nextLine();
        SRN=scan.nextLine();
        mob=scan.nextLong();
    }
}
```

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```
    }  
}  
  
class Derived extends Base  
{  
    void output()  
    {  
        System.out.println("Entered values are following:");  
        System.out.println("Name: "+name+"\nS R N: "+SRN+"\nMobile: "+mob);  
    }  
    public static void main(String src[])  
    {  
        Derived obj=new Derived();  
        obj.input();  
        obj.output();  
    }  
}
```

Output:

Enter Name,SRN and Mobile no of student=Aaditaya

R21DE678

9856847345

Entered values are following:

Name: Aaditaya

S R N: R21DE678

Mobile: 9856847345

ii. multilevel inheritance.

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```
import java.util.Scanner;

class Base

{

    long bin;

    void input()

    {

        System.out.print("Enter a binary number=");

        Scanner scan=new Scanner(System.in);

        bin=scan.nextLong();

    }

}

class Derived extends Base

{

    long binToDec(long bin)

    {

        if( bin==0)

        {

            return(0);

        }

        else

        {

            return((bin%10)+2*binToDec(bin/10));

        }

    }

}
```

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```
class MainClass extends Derived
{
    void output()
    {
        System.out.print("Decimal number= "+binToDec(bin));
    }

    public static void main(String src[])
    {
        MainClass obj=new MainClass();

        obj.input();

        obj.output();
    }
}
```

Output:

Enter a binary number=1011

Decimal number= 11

9. Write a Java program to implement an abstract class.

abstract class Bank

```
{
    abstract double rateOfInterest();
}
```

class SBI extends Bank

```
{
```

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```
double rateOfInterest()

{

    return(4.5);

}

}
```

```
class POSB extends Bank

{

    double rateOfInterest()

    {

        return(7.8);

    }

}
```

```
class BankingServices

{

    public static void main(String abs[])

    {

        Bank obj1=new POSB();

        Bank obj2=new SBI();

        System.out.println("SBI Rate of interest= "+obj2.rateOfInterest());

        System.out.println("POSB Rate of interest= "+obj1.rateOfInterest());

    }

}
```

Output:

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SBI Rate of interest= 4.5

POSB Rate of interest= 7.8

V.Method Overriding

10 Write a java program to demonstrate Method overriding (use super keyword) .

```
import java.util.Scanner;
```

```
class Base
```

```
{
```

```
    void arithmeticOperation(int a,int b,int c)
```

```
    {
```

```
        int add=a+b+c;
```

```
        System.out.println("Addition of entered numbers are: "+add);
```

```
    }
```

```
}
```

```
class Derived extends Base
```

```
{ @Override
```

```
    void arithmeticOperation(int a,int b,int c)
```

```
    {
```

```
        super.arithmeticOperation(a,b,c);
```

```
        int mul=a*b*c;
```

```
        System.out.println("Multiplication of entered numbers are: "+mul);
```

```
    }
```

```
}
```

```
class MainClass
```

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```
{  
  
    public static void main(String src[])  
  
    {  
  
        System.out.print("Enter three numbers=");  
  
        Scanner scan=new Scanner(System.in);  
  
        int x=scan.nextInt();  
  
        int y=scan.nextInt();  
  
        int z=scan.nextInt();  
  
        Derived obj=new Derived();  
  
        obj.arithmeticOperation(x,y,z);  
  
    }  
}
```

Output:

Enter three numbers=56

67

78

Addition of entered numbers are: 201

Multiplication of entered numbers are: 292656

VI. Packages

11. Write a Java program to demonstrate user defined packages.

```
package mypackage;  
  
import java.util.Scanner;  
  
public class ArrayClass  
  
{  
  
    public int[] inputArray()
```


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```
{

Scanner scan=new Scanner(System.in);

System.out.print("How many numbers do you want to enter in array list=");

int n=scan.nextInt();

int Arr[]=new int[n];

for(int i=0; i<n; i++)

{

    System.out.print("Enter "+(i+1)+"th number=");

    Arr[i]=scan.nextInt();

}

return(Arr);

}

public int greatestNumber(int Arr[])

{

    int G=Arr[0];

    for(int i:Arr)

    {

        if(G<i)

        {

            G=i;

        }

    }

    return(G);

}

public static void main(String src[])
```

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```
{  
    ArrayClass obj=new ArrayClass();  
    int A[]=obj.inputArray();  
    int G=obj.greatestNumber(A);  
    System.out.print("Greatest Number= "+G);  
}  
}
```

Package compilation: javac -d . ArrayClass.java

Package run: java mypackage.ArrayClass

Output:

How many numbers do you want to enter in array list=4

Enter 1th number=45

Enter 2th number=67

Enter 3th number=98

Enter 4th number=78

Greatest Number= 98

#Now using created array functions inside “mypackage” in our another programs:

```
import mypackage.ArrayClass;
```

```
class BiggestElement         // If in package methods are protected then we have to extends class.
```

```
{  
    public static void main(String src[])  
    {  
        ArrayClass obj=new ArrayClass();  
        int A[]=obj.inputArray();  
        int G=obj.greatestNumber(A);
```

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```
        System.out.print("Greatest Number= "+G);  
    }  
}
```

Program compilation: `javac BiggestElement.java`

Program run: `java BiggestElement`

Output:

How many numbers do you want to enter in array list=5

Enter 1th number=23

Enter 2th number=65

Enter 3th number=678

Enter 4th number=343

Enter 5th number=567

Greatest Number= 678

VII. Multiple Inheritance: Interface

12. Write a Java program to illustrate the multiple inheritance by using i. single Interface ii. Multiple interfaces iii. Inherited interface.

Single Interface

```
interface Bank
```

```
{  
  
    String name="Post_Office_Saving_Bank";//By default, public,static and final  
  
    double rateOfInterest();//By default public,abstract  
  
}
```

```
class BankingServices implements Bank
```

```
{  
  
    public double rateOfInterest()
```

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```
{  
    return(7.8);  
}
```

```
public static void main(String src[])  
{  
    Bank obj=new BankingServices();  
    System.out.println("Bank name: "+name);  
    System.out.print("Rate of interest="+obj.rateOfInterest());  
}  
}
```

Output:

Bank name: Post_Office_Saving_Bank

Rate of interest=7.8

Multiple interfaces

interface A

```
{  
    public abstract void print();  
}
```

interface B

```
{  
    public abstract void print();  
}
```

class University implements A,B

```
{
```

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```
public void print()
{
    System.out.println("...University biodata...");

    System.out.println("Name: Reva University\nAddress: Bengaluru,Hindustan");
}

public static void main(String src[])
{
    University obj=new University();

    obj.print();
}
}
```

Output:

...University biodata...

Name: Reva University

Address: Bengaluru,Hindustan

VII) final, super, static keywords

13. Write a java program to illustrate the keywords i)super ii)static iii)final

i)Super:

```
class POSB
{
    String name="Post_Office_Saving_Bank";

    double rateOfInterest()
    {
        return(7.8);
    }
}
```

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```
}  
  
class IPPB extends POSB  
{  
  
    String name="India_Post_Payment_Bank";  
  
    double rateOfInterest()  
  
    {  
  
        System.out.println(super.name+"\tRate of interest="+super.rateOfInterest());  
  
        return(4.0);  
  
    }  
  
    public static void main(String src[])  
  
    {  
  
        IPPB obj=new IPPB();  
  
        System.out.println(obj.name+"\tRate of interest="+obj.rateOfInterest());  
  
    }  
  
}
```

Output:

Post_Office_Saving_Bank Rate of interest=7.8

India_Post_Payment_Bank Rate of interest=4.0

ii)static:

```
import java.util.Scanner;  
  
class Table  
  
{  
  
    static int n;//static variable  
  
    static{ //static block  
  
        Scanner scan=new Scanner(System.in);
```

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```
System.out.print("Enter a number=");  
  
n=scan.nextInt();  
  
System.out.println(n+" table is following...");  
  
}  
  
static void generateTable()//static method  
  
{  
  
    for(int i=1; i<11; i++)  
  
    {  
  
        System.out.println(n+"*"+i+"="+i*n);  
  
    }  
  
}  
  
public static void main(String src[])  
  
{  
  
    generateTable();  
  
}  
  
}
```

Output:

Enter a number=8

8 table is following...

8*1=8

8*2=16

8*3=24

8*4=32

8*5=40

8*6=48

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8*7=56

8*8=64

8*9=72

8*10=80

Final:

final class A //if we make any class as final, we can not extends it.

```
{  
  
    final int var=78;  
  
    final void run()  
  
    {  
  
        System.out.println("Final_Keyword_implementation");  
  
    }  
  
    var=67;//we can not change the value of final variable.  
  
}
```

class Final_Keyword extends A

```
{  
  
    void run() // we can not override the final method.  
  
    {  
  
        System.out.println("Final_keyword_implementation");  
  
    }  
  
    public static void main(String str[])  
  
    {  
  
        Final_Keyword obj=new Final_Keyword();  
  
        obj.run();  
  
    }
```


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```
}
```

Output:

Compile time error.

IX) Exception handling

14. Write a java program to demonstrate exception handling with i. single catch block ii. multiple catch blocks.

```
class Exception_Handling
```

```
{
```

```
    public static void main(String src[])
```

```
    {
```

```
        int a,b,Z;
```

```
        a=65;
```

```
        b=0;
```

```
        System.out.println("Start_part");
```

```
        try{
```

```
            Z=a/b;
```

```
            System.out.println(Z);
```

```
        }
```

```
        catch(Exception ex){
```

```
            System.out.println(ex);
```

```
        }
```

```
        System.out.println("End_part");
```

```
    }
```

```
}
```

Output:

Start_part

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java.lang.ArithmeticException: / by zero

End_part

Multiple Catch Blocks:

```
import java.util.Scanner;

class Exception_Handling
{
    public static void main(String src[])
    {
        int a,b; double z;

        int Arr[]=new int[]{1,2,3,4,5};

        String str=null;

        Scanner scan=new Scanner(System.in);

        System.out.println("Start_part");

        try{

            System.out.print("Enter two numbers for division=");

            a=scan.nextInt();

            b=scan.nextInt();

            z=a/b;

            System.out.println(z);

            System.out.print("Enter array index no for print array element=");

            int n=scan.nextInt();

            System.out.println(Arr[n]);

            System.out.println(str.length());

        }
```

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```
    catch(ArithmeticException ex){  
        System.out.println("Arithmetic exception occurs");  
    }  
    catch(ArrayIndexOutOfBoundsException ex){  
        System.out.println("ArrayIndexOutOfBoundsException exception occurs");  
    }  
    catch(NullPointerException ex){  
        System.out.println("NullPointerException occurs");  
    }  
    System.out.println("End_part");  
}  
}
```

Output1:

Start_part

Enter two numbers for division=2

0

Arithmetic exception occurs

End_part

Output2:

Start_part

Enter two numbers for division=4

2

2.0

Enter array index no for print array element=7

ArrayIndexOutOfBoundsException exception occurs

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End_part

Output3:

Start_part

Enter two numbers for division=4

2

2.0

Enter array index no for print array element=4

5

NullPointerException occurs

End_part

X) Multithreading

15) Write a Java program to demonstrate the concept of Inter thread communication by Suitable example

```
import java.util.Scanner;
```

```
class Customer
```

```
{
```

```
    double amount=5000;
```

```
    synchronized void withdrawal(double amount)
```

```
    {
```

```
        System.out.println("Going to withdrowal...");
```

```
        if(this.amount< amount)
```

```
        {
```

```
            System.out.println("Less balance waiting for deposit...");
```

```
            try{
```

```
                wait();
```

JAVA PROGRAMS

```
    }

    catch (Exception ex)

    {

        System.out.println(ex);

    }

}

this.amount=this.amount-amount;

System.out.println("Withdrawal is completed...");

}

synchronized void deposit(double amount)

{

    System.out.println("Going to deposit...");

    this.amount=this.amount+amount;

    System.out.println("Deposit completed...");

    notify();

}

void viewBalance()

{

    System.out.println("Your total balance is: "+amount);

}

}

class Banking

{

    public static void main(String src[])
```

JAVA PROGRAMS

```
{

    final Customer obj=new Customer();

    Scanner scan=new Scanner(System.in);


    while(true)

    {

        System.out.println("1. for deposit.\t 2. withdrawal \t 3. for view balance \t 4. for exit");

        System.out.println("Enter your choice= ");

        int choice=scan.nextInt();

        if(choice==1)

        {

            System.out.print("Enter ammount for deposit=");

            final double amount=scan.nextDouble();

            new Thread(){

                public void run()

                {

                    obj.deposit(amount);

                }

            }.start();

        }

        else if(choice==2)

        {

            System.out.println("Enter amount for withdrawal=");

            final double amount=scan.nextDouble();

            new Thread(){
```

JAVA PROGRAMS

```
        public void run()
        {
            obj.withdrawal(amount);
        }
    }.start();
}

else if(choice==3)
{
    obj.viewBalance();
}

else if (choice==4)
{
    System.out.println("Exit....");
    break;
}

else
{
    System.out.println("Your choice is wrong try again...");
}

}

}

}
```

Output:

1. for deposit. 2. withdrawal 3. for view balance 4. for exit

Enter your choice=

JAVA PROGRAMS

1

Enter ammount for deposit=3456

1. for deposit. 2. withdrawal 3. for view balance 4. for exit

Enter your choice=

Going to deposit...

Deposit completed...

3

Your total balance is: 8456.0

1. for deposit. 2. withdrawal 3. for view balance 4. for exit

Enter your choice=

2

Enter amount for withdrawal=

455

1. for deposit. 2. withdrawal 3. for view balance 4. for exit

Enter your choice=

Going to withdrawal...

Withdrowal is completed...

3

Your total balance is: 8001.0

1. for deposit. 2. withdrawal 3. for view balance 4. for exit

Enter your choice=

4

Exit....

16. Write a Program on MultiThreads using Thread Class

JAVA PROGRAMS

```
import java.util.Scanner;

class Table extends Thread

{

    @Override

    public void run( )

    {

        Scanner scan=new Scanner(System.in);

        System.out.print("Enter a number for generate table=");

        int n=scan.nextInt();

        try{

            for(int i=1; i<=10; i++)

            {

                System.out.println(n+"*"+i+"="+i*n);

                Thread.sleep(1000);

            }

        }

        catch(InterruptedException ex)

        {

            System.out.print(ex);

        }

    }

}

class A extends Thread

{

    @Override
```

JAVA PROGRAMS

```
public void run( )  
{  
    try{  
        for(int i=1; i<=11; i++)  
        {  
            System.out.println("\tJai Shri Raam");  
            Thread.sleep(1000);  
        }  
    }  
    catch(InterruptedException ex)  
    {  
        System.out.print(ex);  
    }  
}  
  
class MainClass  
{  
    public static void main(String src[]) throws InterruptedException  
    {  
        Table obj1=new Table();  
        A obj2=new A();  
        obj1.start();  
        obj2.start();  
    }  
}
```

JAVA PROGRAMS

Output:

Jai Shri Raam

Enter a number for generate table=9

9*1=9

Jai Shri Raam

9*2=18

Jai Shri Raam

9*3=27

Jai Shri Raam

9*4=36

Jai Shri Raam

9*5=45

Jai Shri Raam

9*6=54

Jai Shri Raam

9*7=63

Jai Shri Raam

9*8=72

Jai Shri Raam

9*9=81

Jai Shri Raam

9*10=90

Jai Shri Raam

Thanks

JAVA PROGRAMS