JAVA Programs

Program 1

1

12

123

1234

12345

public class HelloWorld

{

public static void main(String []args)

{

int i,j;

for(i=1;i<=5;i++)

{

for(j=1;j<=i;j++)

{

System.out.print(j);

}

System.out.println("");

}

}

}

Program 2

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

public class HelloWorld

{

public static void main(String []args)

{

int i,j;

for(i=1;i<=5;i++)

{

for(j=1;j<=i;j++)

{

System.out.print("\*");

}

System.out.println();

}

}

}

Program 3

12345

1234

123

12

1

public class HelloWorld

{

public static void main(String []args)

{

int i,j;

for(i=5;i>=1;i--)

{

for(j=1;j<=i;j++)

{

System.out.print(j);

}

System.out.println();

}

}

}

Program 4

\*\*\*\*\*

\*\*\*\*

\*\*\*

\*\*

\*

public class HelloWorld

{

public static void main(String []args)

{

int i,j;

for(i=5;i>=1;i--)

{

for(j=1;j<=i;j++)

{

System.out.print("\*");

}

System.out.println();

}

}

}

Program 5

Whether prime number or not.

public class HelloWorld

{

public static void main(String []args)

{

int i,n=13,d=0;

for(i=1;i<=n;i++)

if (n%i==0)

{d++;}

if (d==2)

System.out.println("Prime Number");

else

System.out.println("Not a Prime Number");

}

}

Program 6

Swapping values without using a third variable

public class HelloWorld

{

public static void main(String []args)

{

int a=10,b=20;

a=b+a;

b=a-b;

a=a-b;

System.out.println(a);

System.out.println(b);

}

}

Program 7

public class HelloWorld{

public static void main(String []args){

String str='123', new="";

char ch;

int i;

for(i=1;i<=str.length();i++)

{

ch=str.charAt(i);

new=ch+new;

}

System.out.println(new);

}

}