

1) WAP in Java to print "Hello World".

```
public class HelloWorld
{
    public static void main (String [] args)
    {
        System.out.println ("Hello World");
    }
}
```

2) WAP to find largest of three nos. using if construct.

```
import java.util.Scanner;
public class Largest
{
    public static void main (String args [])
    {
        int n1, n2, n3;
        Scanner in = new Scanner (System.in);
        System.out.println ("Enter first integer:");
        n1 = in.nextInt();
        System.out.println ("Enter second integer:");
        n2 = in.nextInt();
        System.out.println ("Enter third integer:");
        n3 = in.nextInt();
        if ((n1 > n2) && (n1 > n3))
            S.O.Println ("largest integer is:" + n1);
    }
}
```

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```

else if ((n2>n1) && (n2>n3))
    S.O.println("Largest integer is :" + n2);
else
    S.O.println("Largest integer is :" + n3);
}
}

```

- 3) WAP to print the values from 1 to n by taking input from the user.

```

import java.util.Scanner;
public class ValuesFromUser
{
    public static void main(String args[])
    {
        int n, i;
        Scanner in = new Scanner(System.in);
        S.O.println("Enter value of n : ");
        n = in.nextInt();
        S.O.println("Printing values from 1 to " + n);
        for (i=1; i<=n; i++)
        {
            S.O.print(i + " ");
        }
    }
}

```

## OUTPUT

### PROG-1

```
javac HelloWorld.java  
java HelloWorld  
Hello World
```

### PROG-2

```
javac Largest.java  
java Large
```

Enter first integer:

56

Enter second integer:

90

Enter third integer:

125

Largest integer is : 125

Java/CS/2014

(Ques 1) Write a program to print first n natural numbers.

(Ques 2) Write a program to print first n even numbers.

## OUTPUT

PROG-3 :-

javac ValuesFromUser.java

java ValuesFromUser

Enter value of n:

14

Printing values from 1 to 14

1 2 3 4 5 6 7 8 9 10 11 12 13 14

4) WAP to accept a no. from the user & print n rows of output as given below if  $n = 4$ .

1

2 3

4 5 6

7 8 9 10

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

```
public class Output
```

{

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

{

```
int n, i, j, a;
```

```
Scanner in = new Scanner (System.in);
```

```
s.o.println (" Enter the value of n : ");
```

```
n = in.nextInt();
```

```
a = 1;
```

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

```
{
```

```
for (j = 0; j < i; j++)
```

```
{
```

```
s.o.print (a + " \t");
```

```
a++;
```

```
}
```

```
s.o.println ();
```

```
}
```

```
}
```

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## OUTPUT

PROG-4:-

```
java Output.java  
java Output
```

Enter the value of n:

4

1

2

3

4

5

6

7

8

9

10

Enter the value of n:

7

1

2

3

4

5

6

7 8 9 10

11 12 13 14 15

16 17 18 19 20 21

22 23 24 25 26 27 28

5) WAP to accept the CIE marks (Out of 50) & SEE marks (Out of 100) of a student and print his/her grade. Use if... else if ladder.

```
import java.util.Scanner;
public class Marks
{
    public static void main (String args[])
    {
```

```
        Scanner in = new Scanner (System.in);
        float cie, sie, sum;
        S.o.println ("Enter cie marks out of 50:");
        cie = in.nextFloat();
        S.o.println ("Enter sie marks out of 50:");
        sie = in.nextFloat();
        sum = cie + sie;
        S.o.print ("Student's grade");
        if (sum >= 90)
            S.o.println ("S grade");
        else if ((sum >= 80) && (sum < 90))
            S.o.println ("A grade");
        else if ((sum >= 70) && (sum < 80))
            S.o.println ("B grade");
        else if ((sum >= 60) && (sum < 70))
            S.o.println ("C grade");
        else if ((sum >= 50) && (sum < 60))
            S.o.println ("D grade");
        else
            S.o.println ("F grade");
    }
```

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{

## Q. 5

## OUTPUT

### PROG-5:

javac Marks.java

java Marks

Enter cie marks out of 50:

34

Enter sic marks out of 50:

78

Student's grade

S grade

Enter cie marks out of 50:

45

Enter sic marks out of 50:

22

Student's grade

C grade

6) WAP in Java to print prime nos. b/w given two integers (inclusive). Accept these two integers from user.

```

import java.util.Scanner;
public class Primenumber
{
    public static void main(String [] args)
    {
        Scanner in = new Scanner (System.in);
        int n1, n2;
        S.O.println ("Enter n1 :");
        n1 = in.nextInt();
        while (n1 < n2)
        {
            boolean flag = false;
            for (int i=2; i<= n1/2; ++i)
            {
                // condition for nonprime no.
                if (n1 % i == 0)
                {
                    flag = true;
                    break;
                }
                if (!flag && n1 != 0 && n1 != 1)
                    S.O.print (n1 + " ");
            }
        }
    }
}

```

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## OUTPUT

PROG-6:- m1 332 A (SC J 306) 25/09/2019 soft skills class  
javac Primenum.java  
java Primenum

Enter n1 :

20

Enter n2 :

50

23 29 31 37 41 43 47