→ WAP to find largest of three numbers using if construct.

```
class LargestofthreeNumbers{
  public static void main (String [] args)
{
   int a=10, b=20, c=5;

if ((a>b)&&(a>c)) {
 System.out.println (" largest number
                        is:a" +a);
}
else
if ((b>a)&&(b>c) {
System.out.println (" largest number is:b"+b);
}
else
System.out.println ("largest number is:c"
                        +c);
}
}
```

→ WAP to print the values from 1 to n by taking input from the user.

```
import java.util.Scanner;
class values {
  public static void main (String [] args)
{
   int n;
System.out.println (" Enter values:");
  Scanner in = new Scanner (System.in);
      n = in.nextInt();

  for ( int i=1 ; i<=n; i++)
{
System.out.println (" Enter the values" +i);
  System.out.println (i);
}
}
}
```

→ WAP to accept a number n from the user and print n rows of output as given below if n=4.

```
1
2  3
4  5  6
7  8  9  10
```

```
import java.util.*;
class Rows {
 public static void main (String args[]) {
 int n, count=1;
 Scanner in = new Scanner (System.in);
 System.out.println (" Enter a number:");
 n = in.nextInt();

 for (int i=1; i<=n; i++)
 {
  for (int j=0; j<i; j++)
{
 System.out.print ( count + " ");
}   count++; }
  System.out.println("\n");
}
}
```

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

```
import java.util.*;

  class Grades {
  public static void main (String args[])
{
    Scanner in = new Scanner (System.in);
System.out.print("Enter cie marks (out of 50):");
    int cie = in.nextInt();
System.out.print("Enter see marks (out of 100):");
    int see = in.nextInt();
  see = see/2;
int total = cie + see;

System.out.print("The student Grade is:");
if (total >= 90) {
    System.out.println("S");
}
else
if (total >= 80 && total < 90) {
  System.out.println("A");
}
```

```
else
if ( total >= 70 && total < 80) {
  System.out.println("B");
}
else
 if ( total >= 60 && total < 70) {
  System.out.println("C");
}
 else
 if ( total >= 50 && total < 60) {
  System.out.println("D");
}
 else
   if ( total < 50) {
    System.out.println("E");
   }
 }
}
```

→ WAP to print Hello World.

```
Class Hello {
public static void main (String [] args)
{
```

```
    System.out.println("Hello World");
  }
}
```

→ WAP to print the prime numbers between given two integers (inclusive). Accept these two integers from the user.

```
import java.util.*;
  class Prime {
  public static void main (String [] args)
{
    int i, j, flag;
  Scanner in = new Scanner (System.in);
System.out.print ("Enter the value of a:");
    int a = in.nextInt();
System.out.print ("Enter the value of b:");
    int b = in.nextInt();
System.out.print ("In Prime numbers
          between a and b are :", a,b);

for (i=a; i<=b; i++)
    if (a==1 || a==0) {
      continue;  System.out.print ("\n")
      flag=1;        a=2;
                  }
```

```
for (i=a; i<=b; i++)
{   flag=0; }

for (j=2; j<=i/2 ; ++j) {
    if (i%j==0) {
        flag=1;
        break;
    }
}
if (flag==0)
    System.out.println(i);
}
}
}
```