```
//Sum of 2 Numbers using Command Line Arguments
public class Sumc
{
  public static void main(String args[])
  {
    int a,b;
    a=Integer.parseInt(args[0]);
    b=Integer.parseInt(args[1]);
    System.out.println("Sum : "+(a+b));
  }
}
   /** OUTPUT
 D:\sosj>javac Sumc.java

 D:\sosj>java Sumc 500 600
 Sum : 1100
*/
**********************************************************************
*
//To Find Sum & Average using Command Line Arguments
public class SumAvg
{
  public static void main(String args[])
  {
    int a,i,sum=0,count=0;
    double avg;
   for(i=0;i<args.length;i++)
   {
    a=Integer.parseInt(args[i]);
    sum=sum+ a;
    count++;
    }
   avg=sum/count;
   System.out.println("Sum : "+sum);
   System.out.println("Average : "+avg);
  }
}

/**OUTPUT

D:\sosj>java SumAvg 150 250 400 800
Sum : 1600
Average : 400.0
*/


**********************************************************************
*
```

```java
//Sum of double numbers using Command Line Arguments
public class SumDob
{
  public static void main(String args[])
  {
   double x,sum=0.0;
   int i;
   for(i=0;i<args.length;i++)
   {
   x=Double.parseDouble(args[i]);
    sum=sum+x;
   }
   System.out.println("Sum of Double Number : "+sum);
  }
}
/**OUTPUT
D:\sosj>java SumDob 123.5 238.6 355.5
Sum of Double Number : 717.6
*/
*********************************************************************
*
```

```java
//Declaring Variables in java
public class Var
{
  public static void main(String args[])
  {
  String name;
  int count;
  double sal;
  name="Monish";
  count =10;
  sal=35000;
  System.out.println("Name : "+name);
  System.out.println("Count : "+count);
  System.out.println("Salaray : "+sal);
  }
}

/**Output
Name : Monish
Count : 10
Salaray : 35000.0
*/
*********************************************************************
*
```

```java
//Example for Command Line Arguments
public class Cmdl
{
 public static void main(String args[])
  {
   System.out.println(args[0]);
   System.out.println(args[1]);
   System.out.println(args[2]);
  }
}
/**Output
D:\sosj>java Cmdl 100 200 300
100
200
300
*/
```

```java
//Count Leapyear's b/w 1195 to 2100
public class Leapc
{
 public static void main(String args[])
  {
   int x,count=0,i;
   for(i=1995;i<=2100;i++)
   {
    x=i%4;
    if(x==0)
      count++;
   }
   System.out.println("Leap Year b/w 1995 to 2100 : "+count);
  }
}
/**OUTPUT
D:\sosj>java Leapc
Leap Year b/w 1995 to 2100 : 27
D:\sosj>
*/
```
****
*
```java
//Biggest Number using Ternary operator
public class Ter
{
 public static void main(String args[])
  {
   int a,b,c,x,y;
   a=Integer.parseInt(args[0]);
   b=Integer.parseInt(args[1]);
   c=Integer.parseInt(args[2]);
   x=(a>b)?a:b;
```

```
   y=(x>c)?x:c;
  System.out.println("Biggest Number : "+y);
  }
}
```

/**OUTPUT
D:\sosj>javac Ter.java

D:\sosj>java Ter 25 15 36
Biggest Number : 36
*/
****
//To Find Biggest of 3 Numbers
```
public class Big
{
 public static void main(String args[])
 {
  int a,b,c;
  a=Integer.parseInt(args[0]);
  b=Integer.parseInt(args[1]);
  c=Integer.parseInt(args[2]);
  if((a>b)&&(a>c))
       System.out.println("A is Greater :"+a);
  else if((b>a)&&(b>c))
       System.out.println("B is Greater :"+b);
  else
       System.out.println("C is Greater :"+c);
 }
}
```
/**OUTPUT
D:\sosj>java Big 120 100 256
C is Greater :256
*/
//Example2 for Command Line Arguments
```
public class Cmdar
{
 public static void main(String args[])
 {
  int i;
   for(i=0;i<args.length;i++)
   {
    System.out.println(args[i]);
   }
 }
}
```
/**Output
D:\sosj>java Cmdar 33 44 66 88 99 100
33
44
66
88
99

```
100
*/
********************************************************************
*


//Count Odd & Even No.s b/w given no's
public class OddEve
{
  public static void main(String args[])
  {
   int x,y,count1=0,count2=0,i;
   x=Integer.parseInt(args[0]);
   y=Integer.parseInt(args[1]);
   for(i=x;i<=y;i++)
   {
    x=i%2;
    if(x==0)
      count1++;
    else
      count2++;
   }
   System.out.println("Even Numbers : "+count1);
   System.out.println("Odd Numbers : "+count2);
  }
}
/**OUTPUT
D:\sosj>java OddEve 10 200
Even Numbers : 96
Odd Numbers : 95
*/
********************************************************************
*
//Given Year is Leapyear or Not
public class Leap
{
  public static void main(String args[])
  {
   int x,year;
   year=Integer.parseInt(args[0]);
   x=year%4;
   if(x==0)
        System.out.println("Leap Year");
   else
        System.out.println("Not Leap Year");
  }
}
  /**OUTPUT
D:\sosj>java Leap 2008
Leap Year

D:\sosj>javac Leap.java
```

```
D:\sosj>java Leap 2010
Not Leap Year
*/
```

```
************************************************************************
*
//Getting Input through Array
public class Ary
{
  public static void main(String args[])
  {
    int a[]=new int[args.length];
    int i;
   for(i=0;i<args.length;i++)
   {
    a[i]=Integer.parseInt(args[i]);
   }
   for(i=0;i<args.length;i++)
   {
    System.out.println(args[i]);
   }
 }
}

/**OUTPUT
D:\sosj>javac Ary.java
D:\sosj>java Ary 10 20 30 40 50 60
10
20
30
40
50
60
*/
************************************************************************
*
//Copy 1 Array to Another Array
public class Ary1
{
  public static void main(String args[])
  {
    int a[]=new int[args.length];
    int b[]=new int[args.length];
    int i;
   for(i=0;i<args.length;i++)
   {
    a[i]=Integer.parseInt(args[i]);
    b[i]=a[i];
   }
```

```java
  for(i=0;i<args.length;i++)
   {
    System.out.println(b[i]);
    }
  }
 }
```

/** OUTPUT
D:\sosj>javac Ary1.java

D:\sosj>java Ary1 80 50 70 20 10
80
50
70
20
10
*/
****
*

//**Biggest of 10 Numbers using Array**
```java
public class AryBig
{
  public static void main(String args[])
  {
    int a[]=new int[args.length];
    int i,j,t;
   for(i=0;i<args.length;i++)
     a[i]=Integer.parseInt(args[i]);
   for(i=0;i<args.length;i++)
    {
     for(j=i+1;j<args.length;j++)
     {
       if(a[i]>a[j])
        {
         t=a[i];
         a[i]=a[j];
         a[j]=t;
         }
       }
      }
   //for(i=0;i<args.length;i++)
     System.out.println("Biggest Number :"+a[i-1]);

   }
}
```
/**OUTPUT
D:\sosj>java AryBig 30 20 10 50
Biggest Number :50*/

```
*******************************************************************
```

//2nd Biggest of 10 Numbers using Array
```java
public class AryBig1
{
  public static void main(String args[])
  {
    int a[]=new int[args.length];
    int i,j,t;
   for(i=0;i<args.length;i++)
     a[i]=Integer.parseInt(args[i]);
   for(i=0;i<args.length;i++)
    {
     for(j=i+1;j<args.length;j++)
     {
       if(a[i]>a[j])
        {
         t=a[i];
         a[i]=a[j];
         a[j]=t;
        }
     }
    }
    System.out.println("Second Biggest Number :"+a[i-2]);

  }
}
```
/**OUTPUT
```
D:\sosj>javac AryBig1.java
D:\sosj>java AryBig1 40 20 45 60
Second Biggest Number :45
*/
```
```
*******************************************************************
```

//Employee details
```java
class Emp
{
 int ecode;
 String ename,eaddr;
 double ebasic;
 void show()
  {
    System.out.println("Employee Code :"+ecode);
```

```java
        System.out.println("Employee Name :" +ename);
        System.out.println("Employee Address :" +eaddr);
        System.out.println("Basic Salary :" +ebasic);
    }
public static void main(String args[])
{
    Emp e1 = new Emp();
    e1.ecode=101;
    e1.ename="Vimal";
    e1.eaddr="3, M.G St,Puducherry";
    e1.ebasic=25000;
    e1.show();
  }
}
```
/**OUTPUT
D:\sosj>javac Emp.java
D:\sosj>java Emp
Employee Code :101
Employee Name :Vimal
Employee Address :3, M.G St,Puducherry
Basic Salary :25000.0
*/

****
*