

## Practical 1(b)

### CODE:

```
import java.util.*;
class adding
{
    public static void main(String args[])    //to take command line arguments
    {
        Scanner sc = new Scanner(System.in);
        int len =args.length;
        int arr[]=new int[len];
        int sum=0;           //Im doing sum and product.
        int p=1;
        for(int i = 0;i<len;i++)
        {
            arr[i]=Integer.parseInt(args[i]); //parsing string to int
            sum+=arr[i];
            p*=arr[i];
        }
        System.out.println("The numbers input are as follows (in integer form only): ");
        for(int j=0;j<len;j++)//displaying array
        {
            System.out.println("At position "+j+": "+arr[j]);
        }
        System.out.println("The product of all the numbers is: " + p);
        System.out.println("The sum of all the numbers is: " + sum);
    }
}
```

### OUTPUT

java adding 12 10 5 1

The numbers input are as follows (in integer form only):

At position 0: 12

At position 1: 10

At position 2: 5

At position 3: 1

The product of all the numbers is: 600

The sum of all the numbers is: 28