

### Assignment-5

1. write a program to print the multiplication

```

int m=4;
int n=5;
for (int i=1; i<=n; i++)
{
    System.out.print(i+"x" + m + "=" + (i*m));
}
    
```

2. write a program to read the numbers until -1 is encountered

```

int i=0, j=0;
int n=0;
int s1=0, s2=0;
int possum=0, negsum=0;
while (n != -1)
{
    if (i > j)
        possum = possum + n;
    else
        negsum = negsum + n;
    i++;
    j++;
}
    
```

```

n = input.nextInt();
if (n == -1)
    break;
    
```

```

if (n > 0)
{
    if (i < j)
        int sum = n;
    else
        s2 = s2 + n;
}
    
```

$$s_2 = s_2 + n;$$

to write a program to read a character until  
a is encountered without newline space

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

System.out.print ("Enter to exit.");

char c = '0';

exit lower = upper = 0, digit = 0;

while (c != 'q') {

if

else

c = input.next().charAt(0);

If ( $c \geq 65$  &  $c \leq 90$ )

upper = upper + 1;

else if

( $c \geq 97$  &  $c \leq 122$ )

lower = lower + 1;

else if ( $c \geq 48$  &  $c \leq 57$ )

digit = digit + 1;

if

System.out.println ("lower " + lower);

System.out.println ("upper " + upper);

System.out.println ("Digit " + digit);

4. write a program using recursive function  
Scanner input = new Scanner (System.in);  
int fact = 1;  
for (int i = 1; i < n; i++)  
fact = fact \* i;

System.out.print ("The factorial of " + n + " is ");

5. write a program to find the Nth largest number

int a[5] = {14, 67, 48, 23, 5, 62};  
int len = a.length;  
Array sort(a);  
int n = 4;

System.out.print ("N. largest number");

6. write a program to convert the binary to decimal

Scanner input = new Scanner (System.in);  
String bin = input.nextLine();  
int dec = Integer.parseInt (bin);

system.out.printIn

string out = Integer.toString(dex);

System.out.println(" " + out);

\* Bring out situation in which names  
of static variables

import java.util.Scanner;

class abc

{  
 int x,y,z;  
 abc(int a, int b)  
 {  
 x=a; y=b; z=0;  
 }

System.out.println(x+y+z);

g for words

Public class extended

a (int x, int y)

{

Public static void main (String args)

{

Scanner input = new Scanner (System.in)

input.nextInt() method with variable

public static void main (String args)

9. Create Java programming

Import the java.util.\* package.

Import "java.util.\*" to call;

```

import java.util.*;
public static void main (String [] args)
{
    Scanner input = new Scanner (System.in);
    String name = input.nextLine();
    name = name.trim();
    int len = 0;
    for (int i = name.length() - 1; i >= 0; i--)
    {
        if (name.charAt(i) == ' ')
            break;
        else
            len++;
    }
}

```

10. Write a program to find Nth largest number.

Scanner input = new Scanner (System.in);

int a[] = { 14, 67, 48, 23, 5, 62 }

int len = a.length;

Array. sort (a);

int N=4;

System.out.print(  
                  N+ " largest number");