

Assignment-5

1. write a program to print multiplication

```
int m=4;
int n=5;
for (int i=1; i<=N; i++)
{
    System.out.print (i+"x" + m+ "=" + (i*m),
    (m+20+20+20+20) = 100)
```

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

```
int i=0, j=0;
int n=0;
int s1=0, s2=0;
```

```
int possum=0, neg sum=0;
while (n!= -1)
```

```
{
```

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

```
if (n== -1)
```

```
break;
```

```
if (n>0)
```

```
{
```

```
s2 = s2 + n;
```

```
}
```

```
}
```

3. write a program a is entered

Scanner = input

System = out

char c = "

int lower

while

```
{
```

else

3. write a program to read a character until 'a' is encountered

```
Scanner input = new Scanner(System.in);
System.out.print("Enter to exit.");
char c = '0';
int lower = 0, upper = 0, digit = 0;
while (c != '\n')
{
    c = input.next().charAt(0);
    if (c >= 65 & c <= 90)
        upper = upper + 1;
    else if (c >= 97 & c <= 122)
        lower = lower + 1;
    else if (c >= 48 & c <= 57)
        digit = digit + 1;
}
System.out.print("\n Lower: " + lower);
System.out.print("\n Upper: " + upper);
System.out.print("\n Digit: " + digit);
```

4. write a program to calculate factorial 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 arr[] = {14, 67, 48, 23, 5, 62};  
int len = arr.length;  
Array.sort(arr);  
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, 2);
```


calculate to factors

Scanner (System.in);

of "x+y";

larger

623

it"

very

```
System.out.println(  
    String out = Integer.toString(dos);  
    System.out.println("total + out");
```

* Bring out situation in which names
of a subclass

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

```
class abc
```

```
{  
    abc(int, int)  
}
```

```
System.out.println("x + y");
```

```
{
```

```
public class etened
```

```
a (int x, int y)
```

```
{
```

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

```
{
```

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

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

Scanner input = new Scanner (System.in);

Scanner input = new Scanner (System.in);

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9. Create Java programming

```
import java.util.*;
```

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

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

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

```
{
```

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

```
String name = input.next();
```

```
name.replaceAll("\\s+", "");
```

```
name = name.trim();
```

```
int len = 0;
```

```
for (int i = name.length();
```

```
if (name.charAt(i) == ' ')
```

```
break;
```

```
else
```

```
len++;
```

10. write a Program to find Nth largest
range

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

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

```
int len = a.length;
```

```
Arrays.sort(a);
```

int N=4;

System.out.println("Largest number" + (len-1));