Assignment-5 — M. Jeswarth Kumar
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1. Write a program to print multiplication

```
int m=4;
int m=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, sum=0;
while (n!=-1){
    n=input.next Int();
    if (n==-1){
        break;}
if (n>0){
    i++;
s2=s2+n;
}
}
```

3. Write a program to read a character until a encounted

```
scanner = input = newScanner (system. in);
system = out.print ("Enter to exit: ");
char = 'o';
int lower =0,upper= 0, digit =0;
while (c! = "*"){
    c = input. next() char 4+(0);
    if(c> =65 & c<=90){
        upper = upper +1;
    else if (c>=970 & c<=122){
        lower= lower + i;
    else if (c > =48& c<=57){
        digit= digit + i;}
    System.out. println ("lower"," +lower");
    system. out .print Ln ("upper"," " +upper);
    system .println ("Digit", +digit);
```

4. Write a program to calculate to factorial using recursive function

```
scanner input= new Scanner(system.in);
int fact=1;
for (int = i; i<n; i++){
    fact =fact* i;}
system.out.println("the factorial of"+n+is);
```

5. Write a program to find number.

```
int a[] = {14,67,48,23,
int len=a.length();
array sort (a);
int n=4;
system.out.print Ln (
```

6. Write a program to decimal

```
Scanner input = new
string bin = inp
int dec = integ
system.out.pri
string.out = Int
System.out= p
```

7. Bring out situ sub class

```
Import Java
class abc{
    abc (in
        syst
    }
Public cla
    a (i
```

5. Write a program to find the Nth largest number.

```
int a[] = {14, 67, 48, 23, 5, 62}
int len = a.length();
array sort (a);
int n = 4;
system.out.println ("Largest number");
```

6. Write a program to convert the binary to decimal

```
Scanner input = new Scanner (System.in);
string bin = input.next line();
int dec = integer.pare int (bin, 2);
system.out.println
string.out = Integer to string (dec);
system.out = print Ln ("Octal" + oct);
```

7. Bring out situation in which names of a sub class

```
Import Java util.Scanner;
class abc{
   abc (int, int q){
      system.out print (x + ", " + q");}
}
Public class etened abc
   a (int x % int 4)
```

```
{
  public static void main(string []eggs);
  {
   scanner input = new scanner(system.in)}
}
```

9. Create Java programming

```
Import Java.util.array;
import java.util.to call;
import java.util scanner;
public static void main(string [] agg){
   scanner input = new scanner(system.in);
   string name = inputnext();
   name split ("void");
   name.name (+rim());
   int len=0
   for (int i=name.trim()); {
    if (name.char At(i)==' '){
          break;}
    else {
       len++;}
```

10. Write a program to find N^{th} largest ranger

```
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.println("Nth largest number",[len-N]);
```