POOJA.K

1BM19C5111

LAB2.

// print 1 to n by taking input from user

```
import java.util.*
class Input {
public static void main (String[] args) {
Scanner in = new Scanner (System.in);
System.out.println ("Enter value of n:");
int n = scanner.nextInt();
System.out.println (" Numbers are: ");
for (int i=1; i<= n; i++)
{
        System.out.println(i);
}
}
```

2<3

1

// Number pattern.

```
import java.util.*;
class Pattern {
public static void main (String[] args) {
int i,j = k=1;
for (i =1; i<=n; i++) {
for (j=1; j<i+1; j++) {
System.out.print(k++ + " ");
}
System.out.println();
}
}
```

1
2 3
4 5 6
7 8 9 10.

<

? sys.out.("enter value of n");
n = in.nextInt
scanner in = new
scanner(System.in)
n= in.nextInt();

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5 // Grade.

```java
import java.util.Scanner;
class Grade {
public static void main (String[]args)
{
int c, s;
Scanner sc= new Scanner(System.in);
System.out.println ("Enter your CIE marks ");
c = sc.nextInt();
System.out.println("Enter your SEE marks");
s = sc.nextInt();
double = act_s = (double(s))/2.
int score = c + act_s;
if (score >= 90)
System.out.println ("S grade");
if (score >= 80 && score < 90)
System.out.println ("A grade");
if (score >= 70 && score < 80);
System.out.println ("B grade");
if (score >= 60 && score < 70)
System.out.println ("C grade");
if (score >= 40 && score < 60)
Sys.out ("D grade");
if (score < 40)
Sys.out ("E grade")
}
}
```

6   // prime numbers between m to n.

```java
import java.util.Scanner;
class Prime {
public static void main (String[] args)
{
Scanner sc = new Scanner(System.in);
int m, n, i, j, flag;
System.out.println("Enter lower bound of
    interval :");
m = sc.nextInt();
System.out.println("Enter upper bound");
n = sc.nextInt();
System.out.println("\n Prime numbers between"
    and %d are:" +a+b that" and "that
"are");
for (i=m; i <= n; i++) {
    if (i==1 || i==0)
      continue;
    flag=1;
    for (j=2; j<=i/2; ++j) {
      if (i%j==0) {
       flag = 0;
      break;
    }
   }
   if (flag==1)
   System.out.println(i);
 }
}
}
```

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```java
// Hello world.
class Hello {
public static void main ( String[] args ) {
System.out.println ("Hello world ");
}

}
```

```java
// Largest of 3 num
import java.util.*
class Largest {
public static void main (String[] args) {
int    a,b,c;
Scanner in = new Scanner ( System.in)
System.out.println ("Enter the value of a,b &c");
a= in.nextInt()
b= in.nextInt()
c= in.nextInt()
if (a>b && a>c) {
System.out.println (" a="+a" is largest");
}

if (b>a && b>c)
System.out.println ("b=" +b "is largest");
if (c>b && c>a)
System.out.println ("c= "+c+ "is largest");
}
}
```