helloworld - Notepad

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

```
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C:\Users\Shreesha N A>E:

E:\>cd "Java Practise"

E:\Java Practise>javac helloworld.java

E:\Java Practise>java helloworld
Hello World

E:\Java Practise>_
```

```
import java.util.Scanner;

class large
{
public static void main(String args[])
{
int a,b,c,l1,l2;
System.out.println("Enter three numbers:");
Scanner ob=new Scanner(System.in);
a=ob.nextInt();
b=ob.nextInt();
c=ob.nextInt();
if(a>b)
{l1=a;}
else
{l1=b;}
if(l1>c)
{l2=l1;}
else
{l2=c;}
System.out.println("The largest of three numbers is:"+l2);
}
}
```

```
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C:\Users\Shreesha N A>E:

E:\>cd "Java Practise"

E:\Java Practise>javac large.java

E:\Java Practise>java large
Enter three numbers:
34
56
45
The largest of three numbers is:56

E:\Java Practise>
```

3.Write a Java Program to print values from 1to nby taking input from user

```java
import java.util.Scanner;

class numbers
{
public static void main(String args[])
{
int n,i;
System.out.println("Enter number:");
Scanner ob = new Scanner(System.in);
n=ob.nextInt();
for(i=1;i<=n;i++)
{System.out.println(i);}
}
}
```

```
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C:\Users\Shreesha N A>E:

E:\>cd "Java Practise"

E:\Java Practise>javac numbers.java

E:\Java Practise>java numbers
Enter number:
10
1
2
3
4
5
6
7
8
9
10

E:\Java Practise>
E:\Java Practise>_
```

4.Write java program to accept number n from user and print n rows of pattern

```java
import java.util.Scanner;

class pattern
{
public static void main(String args[])
{
int n,i,j,count=1;
System.out.println("Enter number of rows:");
Scanner ob = new Scanner(System.in);
n=ob.nextInt();
for(i=1;i<=n;i++)
{for(j=1;j<=i;j++)
{System.out.print(count+"  ");
 count++;
}
System.out.print("\n");
}
}
}
```

```
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E:\Users\Shreesha N A>E:

E:\>cd "Java Practise"

E:\Java Practise>javac pattern.java

E:\Java Practise>java pattern
Enter number of rows:
1
2  3
4  5  6
7  8  9  10

E:\Java Practise>
```

```
5.Write a Java program to accepts the CIE and SEE marksof a student and print grade.use if..else if ladder

import java.util.Scanner;

class grade
{
public static void main(String args[])
{
float cie,see,total;
Scanner ob=new Scanner(System.in);
System.out.println("Enter cie marks out of 50:");
cie=ob.nextFloat();
System.out.println("Enter see marks out of 100:");
see =ob.nextFloat();
total=cie+(see/2);
if(total>=90){System.out.println("Your grade is:S");}
else if(total>=80){System.out.println("Your grade is:A");}
else if(total>=70){System.out.println("Your grade is:B");
else if(total>=60){System.out.println("Your grade is:C");}
else if(total>=50){System.out.println("Your grade is:D");}
else if(total>=40){System.out.println("Your grade is:E");}
else if(total>=0){System.out.println("Your grade is:F");}
}
}
```

```
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C:\Users\Shreesha N A>E:

E:\>cd "Java Practise"

E:\Java Practise>javac grade.java

E:\Java Practise>java grade
Enter cie marks out of 50:
45
Enter see marks out of 100:
45
Your grade is:C

E:\Java Practise>
```

6.Write a Java program to print prime numbers between two numbers including both of them.

```java
import java.util.Scanner;

class prime
{
public static void main(String args[])
{
int n,m,i,j,isprime;
System.out.println("Enter two numbers between which prime numbers should be displayed:");
Scanner ob=new Scanner(System.in);
m=ob.nextInt();
n=ob.nextInt();
for(i=2; i<=n; i++)
    {
        isprime=1;
        for(j=2; j<=i/2; j++)
        {

            if(i%j==0)
            {
                isprime = 0;
                break;
            }
        }

        if(isprime==1 && i>=m)
        {
            System.out.println(i);
        }
    }
}
}
```

```
Microsoft Windows [Version 10.0.18363.1082]
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C:\Users\Shreesha N A>E:

E:\>cd "Java Practise"

E:\Java Practise>javac prime.java

E:\Java Practise>java prime
Enter two numbers between which prime numbers should be displayed:
5
19
5
7
11
13
17
19

E:\Java Practise>_
```

```
7.Write a C programs of electives

#include <stdio.h>
#include <stdlib.h>

int main()
{   int i,n,e,j,m;
    int count[3]={0,0,0};

    struct elective
    {
     char name[100];
     int electives[100];
    };

    struct elective arr[100];

    printf("Enter number of students\n");
    scanf(" %d",&n);

    printf("\nEneter electives of students and name:\n1.Internet of things\n2.Advanced Java\n3.Advanced Data Structures\n\n");
    for(i=0;i<=(n-1);i++)
    {
        printf("Enter name of %d student\n",i);
        scanf("%s",arr[i].name);
        printf("Enter elective of %d student\n",i);
        scanf(" %d",&arr[i].electives[i]);

    }

    printf("\nEnter electieve\n");
    scanf(" %d",&e);
    printf("\nStudents who chose elective %d are\n",e);
    for(i=0;i<=(n-1);i++)
    {
     if(arr[i].electives[i]==e)
        {puts(arr[i].name);
        }
        }
    for(i=0;i<=(n-1);i++)
    {
    if(arr[i].electives[i]==1)
```

```c
    for(i=0;i<=(n-1);i++)
    {
     if(arr[i].electives[i]==2)
         count[1]++;
    }
    for(i=0;i<=(n-1);i++)
    {
     if(arr[i].electives[i]==3)
         count[2]++;
    }
    printf("\nThe total number of students in Inter of things, advanced java , and adavnced data structures are %d , %d and %d respectively\n",count[0],count[1],count[2]);
    for(i=0;i<3;i++)
    {
        if(count[i]<30)
        {
            printf("\nChoose other elective other than elective %d\n",i+1);

            for(j=0;j<=(n-1);j++)
            {
             if(arr[j].electives[j]==(i+1))
             {
                 printf("%s change your elective\n",arr[j].name);
                 scanf(" %d",&m);
                 arr[j].electives[j]=m;
                 --count[i];
                 ++count[m-1];
             }
            }
        }
    }
    printf("\nNew count is %d %d %d:\n",count[0],count[1],count[2]);
    for(i=0;i<3;i++)
    {
     printf("\nStudents who chose elective - %d are\n",i+1);
     for(j=0;j<=(n-1);j++)
     {
        if(arr[j].electives[j]==(i+1))
            printf("%s\n",arr[j].name);
     }
    }
    return 0;
```

```
Enter number of students
35

Eneter electives of students and name:
1.Internet of things
2.Advanced Java
3.Advanced Data Structures

Enter name of 0 student
Shreesha
Enter elective of 0 student
1
Enter name of 1 student
Kushal
Enter elective of 1 student
1
Enter name of 2 student
Lohith
Enter elective of 2 student
1
Enter name of 3 student
Subbu
Enter elective of 3 student
1
Enter name of 4 student
Mohith
Enter elective of 4 student
1
Enter name of 5 student
David
Enter elective of 5 student
1
Enter name of 6 student
Dhoni
Enter elective of 6 student
1
Enter name of 7 student
ABD
Enter elective of 7 student
1
Enter name of 8 student
Virat
Enter elective of 8 student
1
Enter name of 9 student
Skanda
Enter elective of 9 student
1
Enter name of 10 student
Raam
```

```
Enter name of 10 student
Raam
Enter elective of 10 student
1
Enter name of 11 student
Lakshaman
Enter elective of 11 student
1
Enter name of 12 student
sita
Enter elective of 12 student
1
Enter name of 13 student
Shouri
Enter elective of 13 student
1
Enter name of 14 student
hari
Enter elective of 14 student
1
Enter name of 15 student
Raina
Enter elective of 15 student
1
Enter name of 16 student
Veena
Enter elective of 16 student
1
Enter name of 17 student
Arka
Enter elective of 17 student
1
Enter name of 18 student
Jgadish
Enter elective of 18 student
1
Enter name of 19 student
Satya
Enter elective of 19 student
1
Enter name of 20 student
Sankar
Enter elective of 20 student
1
Enter name of 21 student
Guru
Enter elective of 21 student
1
Enter name of 22 student
Harry
```

```
Enter name of 22 student
Harry
Enter elective of 22 student
1
Enter name of 23 student
Poter
Enter elective of 23 student
1
Enter name of 24 student
Albusd
Enter elective of 24 student
1
Enter name of 25 student
Severus
Enter elective of 25 student
1
Enter name of 26 student
Bellatrix
Enter elective of 26 student
1
Enter name of 27 student
Morris
Enter elective of 27 student
1
Enter name of 28 student
Dinda
Enter elective of 28 student
1
Enter name of 29 student
Ashok
Enter elective of 29 student
1
Enter name of 30 student
Paande
Enter elective of 30 student
2
Enter name of 31 student
Shivani
Enter elective of 31 student
2
Enter name of 32 student
Hardik
Enter elective of 32 student
2
Enter name of 33 student
Krunal
Enter elective of 33 student
2
Enter name of 34 student
Srikanth
```

```
Enter name of 34 student
Srikanth
Enter elective of 34 student
3

Enter electieve
2

Students who chose elective 2 are
Paande
Shivani
Hardik
Krunal

The total number of students in Inter of things, advanced java , and adavnced data structures are 30 , 4 and 1 respectively

Choose other elective other than elective 2
Paande change your elective
1
Shivani change your elective
1
Hardik change your elective
1
Krunal change your elective
1

Choose other elective other than elective 3
Srikanth change your elective
1

New count is 35 0 0:

Students who chose elective - 1 are
Shreesha
Kushal
Lohith
Subbu
Mohith
David
Dhoni
ABD
Virat
Skanda
Raam
Lakshaman
sita
Shouri
hari
Raina
Veena
```

```
New count is 35 0 0:

Students who chose elective - 1 are
Shreesha
Kushal
Lohith
Subbu
Mohith
David
Dhoni
ABD
Virat
Skanda
Raam
Lakshaman
sita
Shouri
hari
Raina
Veena
Arka
Jgadish
Satya
Sankar
Guru
Harry
Poter
Albusd
Severus
Bellatrix
Morris
Dinda
Ashok
Paande
Shivani
Hardik
Krunal
Srikanth

Students who chose elective - 2 are

Students who chose elective - 3 are

Process returned 0 (0x0)   execution time : 601.838 s
Press any key to continue.
```