

Hello1 - Notepad

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```
class Hello1
{
public static void main(String args[])
{
System.out.println("HELLO WORLD");
}
}
```

```
C:\Users\Lenovo\Desktop\ja>java Hello1  
HELLO WORLD  
C:\Users\Lenovo\Desktop\ja>=
```

File Edit Format View Help

```
import java.util.*;
class Program2
{
public static void main(String args[])
{
int a,b,c;
Scanner in=new Scanner(System.in);
System.out.println("Enter the numbers:");
a=in.nextInt();
b=in.nextInt();
c=in.nextInt();
if(a>b && a>c)
System.out.println("Largest:"+a);
else if(b>a && b>c)
System.out.println("Largest:"+b);
else
System.out.println("Largest:"+c);
}
}
```

```
C:\Users\Lenovo\Desktop\ja>javac Program2.java
```

```
C:\Users\Lenovo\Desktop\ja>java Program2
```

```
Enter the numbers:
```

```
20 30 40
```

```
Largest:40
```

```
C:\Users\Lenovo\Desktop\ja>javac
```

```
6 items 1 item selected 380 bytes
```

R AI QUAD CAMERA
Shot by Preetham

```
File Edit Format View Help
import java.util.*;
class Program3
{
public static void main(String args[])
{
Scanner in=new Scanner(System.in);
int n;
System.out.println("enter n:");
n=in.nextInt();
for(int i=1;i<=n;i++)
System.out.println(i);
}
```

```
C:\Users\Lenovo\Desktop\ja>javac Program3.java
```

```
B:C:\Users\Lenovo\Desktop\ja>java Program3
```

```
enter n:
```

```
5  
1  
2  
3  
4  
5
```

```
C:\Users\Lenovo\Desktop\ja>
```

Program4 - Notepad

File Edit Format View Help

```
import java.util.*;
class Program4
{
public static void main(String args[])
{
int n,a=1;
Scanner in=new Scanner(System.in);
System.out.println("Enter the number:");
n=in.nextInt();
for(int i=0;i<n;i++)
{
for(int j=0;j<=i;j++)
{
System.out.print(" "+a);
a++;
}
System.out.println("\n");
}
}
```

```
C:\Users\Lenovo\Desktop\ja>java Program4.java
Error: Could not find or load main class Program4.java

C:\Users\Lenovo\Desktop\ja>javac Program4.java

C:\Users\Lenovo\Desktop\ja>java Program4
Enter the number:
5
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

QUAD CAMERA
by Preetham

```
import java.util.*;
class Program5
{
    public static void main(String args[])
    {
        int c,s,t;
        char ch;
        System.out.println("Enter CIE marks /50");
        Scanner in=new Scanner(System.in);
        c=in.nextInt();
        System.out.println("Enter SEE marks /100");
        s=in.nextInt();
        t=c+(s/2);
        if(t>=90 && t<=100)
            ch='S';
        else if(t>=80 && t<90)
            ch='A';
        else if(t>=70 && t<80)
            ch='B';
        else if(t>=60 && t<70)
            ch='C';
        else if(t>=50 && t<60)
            ch='D';
        else if(t>=40 && t<50)
            ch='E';
        else
            ch='F';
        System.out.println("Grade:"+ch);
    }
}
```

HELLO WORLD

C:\Users\Lenovo\Desktop\ja>java Program5

Enter CIE marks /50

48

Enter SEE marks /100

98

Grade:S

C:\Users\Lenovo\Desktop\ja>

```
import java.util.*;
class helloworld {
    public static void main(String args[]) {
        int a,b;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter a number:");
        a=sc.nextInt();
        System.out.println("Enter another number:");
        b=sc.nextInt();
        System.out.println("Prime numbers between a and b are:");
        for(int i=a;i<=b;i++) {
            int c=0;
            for(int j=1;j<=i;j++) {
                if(i%j==0)
                    c++;
            }
            if(c==2)
                System.out.println(i);
        }
    }
}
```

```
C:\Users\Prithviraj\Desktop\Java>
```

```
Enter a number:
```

```
3
```

```
Enter another number:
```

```
9
```

```
Prime numbers between a and b are:
```

```
3
```

```
5
```

```
7
```

```
C:\Users\Prithviraj\Desktop\Java>
```

```

1 #include <stdio.h>
2 #include <conio.h>
3 #include <process.h>
4 struct std {
5     char name[20];
6     int elec;
7 };
8 typedef struct std st;
9 int main() {
10     int n,c1,c2,c3;
11     printf("Enter number of students:");
12     scanf("%d",&n);
13     st s[n];
14     printf("ELECTIVE LIST");
15     printf("\n1.English");
16     printf("\n2.Advanced Data and DBMS");
17     printf("\n3.Advanced Data Structures");
18     for(int i=0;i<n;i++) {
19         printf("\nEnter name:");
20         scanf("%s",s[i].name);
21         printf("\nEnter elective choice:");
22         scanf("%d",&s[i].elec);
23         if(s[i].elec==1)
24             c1++;
25         else if(s[i].elec==2)
26             c2++;
27         else if(s[i].elec==3)
28             c3++;
29     }
30     printf("Operation 1\n");
31     printf("Which elective student list is needed?\n");
32     int x;
33     scanf("%d",&x);
34     int p;
35     printf("Student List:\n");
36     for(int i=0;i<n;i++) {
37         if(s[i].elec==x) {
38             p++;
39             printf("\n%d\t",s[i].name);
40         }
41     }
42     printf("Operation 2\n");
43     printf("%d students chose elective 1\n",c1);
44     printf("%d students chose elective 2\n",c2);
45     printf("%d students chose elective 3\n",c3);
46     printf("Operation 3\n");
47     if(c1<3) {
48         printf("Elective 1 is failed,students who have chosen it must reselect their electives\n");
49         for(int i=0;i<n;i++) {
50             if(s[i].elec==1) {
51                 printf("Sir, please enter new elective choice\n",s[i].name);
52                 int nc;
53                 scanf("%d",&nc);
54                 s[i].elec=nc;
55             }
56         }
57     }
58     else []
59     if(c2<3) {

```

```

nfractbest.c % nfrac.c % dummy.c % lineseganydeg.c % riemann2.c % egyptfrac.c % adsfg.c % qwertyui.c % sfsfdd.c % qwert.c % gf
39         printf("%s\n",s[i].name);
40     }
41     printf("Operation 2\n");
42     printf("%d students chose elective 1\n",c1);
43     printf("%d students chose elective 2\n",c2);
44     printf("%d students chose elective 3\n",c3);
45     printf("Operation 3\n");
46 if(c1<3) {
47     printf("Elective 1 is floated,students who have chosen it must reselect their electives\n");
48     for(int i=0;i<n;i++) {
49         if(s[i].elec==1) {
50             printf("%s, please enter new elective choice\n",s[i].name);
51             int nc;
52             scanf("%d",&nc);
53             s[i].elec=nc;
54         }
55     }
56 } else {}
57 if(c2<3) {
58     printf("Elective 2 is floated,students who have chosen it must reselect their electives\n");
59     for(int i=0;i<n;i++) {
60         if(s[i].elec==2) {
61             printf("%s, please enter new elective choice\n",s[i].name);
62             int nc;
63             scanf("%d",&nc);
64             s[i].elec=nc;
65         }
66     }
67 } else {}
68 if(c3<3) {
69     printf("Elective 3 is floated,students who have chosen it must reselect their electives\n");
70     for(int i=0;i<n;i++) {
71         if(s[i].elec==3) {
72             printf("%s, please enter new elective choice\n",s[i].name);
73             int nc;
74             scanf("%d",&nc);
75             s[i].elec=nc;
76         }
77     }
78 } else {}
79 c1=0;c2=0;c3=0;
80 for(int i=0;i<n;i++) {
81     if(s[i].elec==1)
82         c1++;
83     else if(s[i].elec==2)
84         c2++;
85     else
86         c3++;
87 }
88 printf("Number of students in Elective 1:%d\n",c1);
89 printf("Number of students in Elective 2:%d\n",c2);
90 printf("Number of students in Elective 3:%d\n",c3);
91 return 0;
92 }

```

```
C:\Windows\SYSTEM32\cmd.exe
Enter number of students:10
ELECTIVE LIST
1.Iot
2.Advanced Java and J2EE
3.Advanced Data Structures
Enter name:a

Enter elective choice1

Enter name:b

Enter elective choice1

Enter name:c

Enter elective choice1

Enter name:d

Enter elective choice1

Enter name:e

Enter elective choice1

Enter name:f

Enter elective choice1

Enter name:g

Enter elective choice2

Enter name:h

Enter elective choice2

Enter name:i

Enter elective choice3

Enter name:j

Enter elective choice3
Operation 1
Which Elective student list is needed?
1
Student List:
>a
>b
>c
```

Enter name:i

Enter elective choice3

Enter name:j

Enter elective choice3

Operation 1

Which Elective student list is needed?

1

Student List:

>a

>b

>c

>d

>e

>f

Operation 2

6 students chose elective 1

2 students chose elective 2

1 students chose elective 3

Operation 3

Elective 3 is floated, students who have chosen it must reselect their electives
i, please enter new elective choice

2

j, please enter new elective choice

2

Number of students in Elective 1:6

Number of students in Elective 2:4

Number of students in Elective 3:0

(program exited with code: 0)

Press any key to continue . . .