

```
1 class Hello
2 {
3     public static void main (String args[])
4     {
5         System.out.println("Hello World");
6     }
7 }
```



n code

```
1
2 * class largest{
3 *     public static void main(String[] args){
4     int num1=10,num2=5,num3=25;
5     if((num1>=num2)&&(num1>=num3))
6     {
7         System.out.println("largest no is :" +num1);
8     }
9     else if((num2>=num1)&&(num2>=num3))
10    {
11        System.out.println("largest no is :" +num2);
12    }
13    else
14    {
15        System.out.println("largest no is :" +num3);
16    }
17 }
18 }
```

de

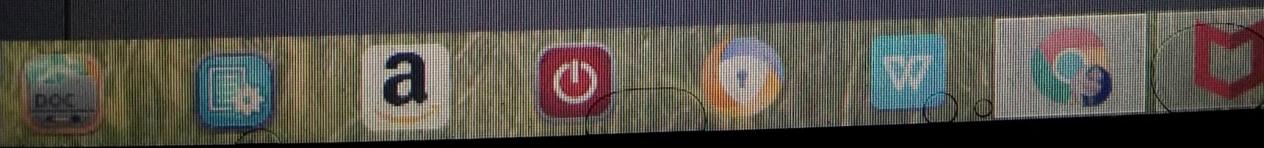
```
1 import java.util.*;
2 * public class values{
3 * public static void main(String[] args){
4 int n;
5 Scanner in=new Scanner(System.in);
6 n = in.nextInt();
7 System.out.println("Enter value of "+n);
8 for(int i=1;i<=n;i++)
9 {
10 System.out.println(i);
11 }
12 }
13 }
```



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

n code

```
1 import java.util.*;
2 * class Grades{
3 * public static void main(String args[]){
4
5     int total ;
6     Scanner in = new Scanner(System.in);
7     System.out.println("Enter the CIE marks out of 50");
8     int CIE= in.nextInt();
9     System.out.println("Enter the SEE marks out of 100:");
10    int SEE = in.nextInt();
11
12    total = (CIE +(SEE/2));
13
14    if(total>=89){
15
16        System.out.println(" Your grade is A.");
17    }
18    else if (total>=79){
19
20        System.out.println(" Your grade is B.");
21    }
22    else if (total>=69){
23
24        System.out.println(" Your grade is C.");
25    }
26    else if (total>=59){
```



```
--  
14 * if(total>=89){  
15  
16     System.out.println(" Your grade is A.");  
17 }  
18 * else if (total>=79){  
19  
20     System.out.println(" Your grade is B.");  
21 }  
22 * else if (total>=69){  
23  
24     System.out.println(" Your grade is C.");  
25 }  
26 * else if (total>=59){  
27  
28     System.out.println(" Your grade is D.");  
29 }  
30 * else if (total>=49)  
31 * {  
32     System.out.println(" Your grade is E.");    I  
33 }  
34  
35 * else {  
36     System.out.println("Your grade is F");  
37 }  
38 }  
39 }
```

```
1 import java.util.*;
2 * class prime{
3 * public static void main (String [] args){
4 Scanner in = new Scanner(System.in);
5 int a,b,i,j,flag ;
6 System.out.println("Enter the lower bound");
7 a= in.nextInt();
8 System.out.println("Enter the upper bound");
9 b=in.nextInt();
10 System.out.println("Prime numbers between 2 intervals");
11 for( i=a;i<=b;i++)
12 {
13 if(i==0 || i== 1)
14 continue;
15 flag = 1;
16 for ( j = 2; j <= i / 2; ++j)
17 {
18 if (i % j ==0){
19 flag = 0;
20 break;
21 }
22 }
23 if(flag==1)
24 System.out.println(i);
25 }
26 }
```

f433841526b/stacksc

translate  Python Core and A...

acks.c

```
1 #include<stdio.h>
2 #include<string.h>
3 int kan;
4 int san;
5 int hin; typedef struct student {
6 char name[50]; char course[50];
7 }std;
8 int main() {
9
10 char elective1[20] = "Kannada";
11 char elective2[20] = "Sanskrit";
12 char elective3[20] = "Hindi";
13 printf("Courses available are \n \t 1:Kannada\n \t2:Sanskrit\n \t3:Hindi\n");
14 int n;
15 int choice;
16 printf("Enter the num of students\n");
17 scanf("%d", &n);
18 std s[n];
19 for(int i=0;i<n;i++)
20 {
21 printf("Enter the name of student %d \n", (i+1));
22 scanf("%s", s[i].name);
23
24 printf("Enter the elective of student %d \n", (i+1));
25 printf("enter your choice\n");
26 fflush(stdin);
```



x +
8f433841526b/stacksc

Translate Python Core and A...

stacks.c

```
76 case 1: strcpy(s[i].course,elective1); kan++;  
77 break;  
78 case 3: strcpy(s[i].course,elective3); hin++;  
79 break;  
80 }  
81 } }  
82 }  
83 if(hin<30) {  
84 for(int i=0;i<n;i++) {  
85 if(strncmp(s[i].course,elective3,strlen(elective3))==0) {  
86 printf(" %s please select from the other two course this course cannot be floated\n",s[i].name);  
87 printf("1:Kannada\n2:sanskrit\n");  
88  
89 printf("Enter your new choice\n"); scanf(" %d",&choice); hin=0;  
90 switch(choice)  
91 {  
92 case 1:  
93 strcpy(s[i].course,elective1); kan++;  
94 break;  
95 case 2: strcpy(s[i].course,elective2); san++;  
96 break;  
97 }  
98 } }  
99 }  
100 printf("AfterReselection\n");  
101 printf("Number of student applied for kannada is %d\n",kan);
```



acer

f433841526b/stacksc

anslate Python Core and A...

```
1 * {
2   for(int i=0;i<n;i++)
3
4   {
5     if(strncmp(s[i].course,elective1,strlen(elective1))==0) {
6       printf(" %s please select from the other two course this course cannot be floated\n",s[i].name);
7       printf("2:sanskrit\n3:hindi\n"); printf("Enter your new choice\n");
8       scanf(" %d",&choice);
9       kan=0;
10      }
11      switch(choice) {
12        case 2: strcpy(s[i].course,elective2); hin++;
13        break;
14        case 3: strcpy(s[i].course,elective3); hin++;
15        break;
16      }
17    }
18  } if(san<30) {
19    for(int i=0;i<n;i++)
20    if(strncmp(s[i].course,elective2,strlen(elective2))==0) {
21
22      printf(" %s please select from the other two course this course cannot be floated\n",s[i].name);
23      printf("1:kannada\n3:hindi\n"); printf("Enter your new choice\n");
24      scanf(" %d",&choice);
25      san=0;
26      switch(choice) {
27        case 1: strcpy(s[i].course,elective1); kan++;
28      }
29    }
30  }
31 }
```



3f433841526b cksc

translate Python Core and A...

```
26 ffflush(stdin);
27 scanf(" %d",&choice);
28     switch(choice)
29 {
30     case 1:
31         strcpy(s[i].course,elective1); break;
32     case 2: strcpy(s[i].course,elective2); break;
33     case 3: strcpy(s[i].course,elective3);
34
35     break; }
36 }
37 for(int i=0;i<n;i++) {
38     if(strncmp(elective1,s[i].course,strlen(elective1))==0) {
39         printf("Student %s has selected for %s course\n",s[i].name,s[i].course);
40         kan++; }
41     if(strncmp(elective2,s[i].course,strlen(elective2))==0) {
42         printf("Student %s has selected for %s course\n",s[i].name,s[i].course);
43         san++; }
44     if(strncmp(elective3,s[i].course,strlen(elective3))==0) {
45         printf("Student %s has selected for %s course\n",s[i].name,s[i].course);
46         hin++; }
47 }
48 printf("Number of student applied for kannada is %d\n",kan);
49 printf("Number of students applied for sanskrit is %d\n",san);
50     printf("Number of student applied for hindi is %d\n",hin); if(kan<30)
51 {
```



8f433841526b/stacksc

Translate Python Core and A...

```
-- 
83 if(hin<30) {
84 for(int i=0;i<n;i++) {
85 if(strncmp(s[i].course,elective3,strlen(elective3))!=0) {
86 printf(" %s please select from the other two course this course cannot be floated\n",
87 printf("1:Kannada\n2:sanskrit\n");
88
89 printf("Enter your new choice\n"); scanf(" %d",&choice); hin=0;
90 switch(choice)
91 {
92 case 1:
93 strcpy(s[i].course,elective1); kan++;
94 break;
95 case 2: strcpy(s[i].course,elective2); san++;
96 break;
97 }
98 } }
99 }
100 printf("AfterReselection\n");
101 printf("Number of student applied for kannada is %d\n",kan);
102 printf("Number of students applied for sanskritis %d\n",san);
103 printf("Number of student applied for hindi is %d\n",hin);
104 for(int i=0;i<n;i++) {
105 printf("%s has selected %s course\n",s[i].name,s[i].course); }
106 }
107
108
```



```
C:\Users\admin\Desktop>javac program.java
```

```
C:\Users\admin\Desktop>java HelloWorld  
Hello World
```

```
C:\Users\admin\Desktop>
```



C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.18363]
(c) 2019 Microsoft Corporation

C:\java>notepad

C:\java>javac largest.java

C:\java>java largest
largest no is :25

C:\java>

C:\Windows\System32\cmd.exe

microsoft Windows [Version 10.0.18363.1082]
c) 2019 Microsoft Corporation. All rights reserved.

:\\java>javac values.java

:\\java>java values

Enter value of 9

:\\java>

Command Prompt

Microsoft Windows [Version 10.0.18363.1000]
(c) 2019 Microsoft Corporation. All Rights Reserved.

C:\Users\Pooja K>cd downloads

C:\Users\Pooja K\Downloads>javac Palindrome.java

C:\Users\Pooja K\Downloads>java Palindrome
enter the value of n
8

1
23
456
78910
1112131415
161718192021
22232425262728

C:\Users\Pooja K\Downloads>

C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.18363.1082]
© 2019 Microsoft Corporation. All rights reserved.

:\\java>notepad

:\\java>javac Grades.java

:\\java>java Grades

Enter the CIE marks out of 50

5

Enter the SEE marks out of 100:

9

Your grade is A.

:\\java>

Command Prompt

Microsoft Windows [Version 10.0.18363.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Pooja K>cd desktop

C:\Users\Pooja K\Desktop>javac Prime.java

C:\Users\Pooja K\Desktop>java Prime

Enter the lower bound

3

Enter the upper bound

9

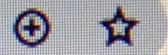
Prime numbers between 2 intervals

3

5

7

C:\Users\Pooja K\Desktop>



X Output

```
1:Latha please select from the other two course this course cannot be floated
2:sanskrit
3:hindi
Enter your new choice
>>>2
Prema please select from the other two course this course cannot be floated
1:kannada
3:hindi
Enter your new choice
>>>2
Sahana please select from the other two course this course cannot be floated
1:kannada
3:hindi
Enter your new choice
>>>3
Sahana please select from the other two course this course cannot be floated
1:Kannada
2:sanskrit
Enter your new choice
>>>1
Chinmayee please select from the other two course this course cannot be floated
1:Kannada
2:sanskrit
Enter your new choice
>>>2
AfterReselection
Number of student applied for kannada is 1
Number of students applied for sanskritis 1
Number of student applied for hindi is 0
Prema has selected Sanskrit course
Sahana has selected Kannada course
Chinmayee has selected Sanskrit course
```

Process Finished.

>>>



ENG

03:43
19-09-2020

X Output

Courses available are

- 1:Kannada
- 2:Sanskrit
- 3:Hindi

Enter the num of students

>>>3

Enter the name of student 1

>>>Prema

Enter the elective of student 1

enter your choice

>>>1

Enter the name of student 2

>>>Sahana

Enter the elective of student 2

enter your choice

>>>2

Enter the name of student 3

>>>Chinmayee

Enter the elective of student 3

enter your choice

>>>3

Student Prema has selected for Kannada course

Student Sahana has selected for Sanskrit course

Student Chinmayee has selected for Hindi course

Number of student applied for kannada is 1

Number of students applied for sanskrit is 1

Number of student applied for hindi is 1

Prema please select from the other two course this course cannot be floated

:sanskrit

:hindi

Enter your new choice

>>2

Prema please select from the other two course this course cannot be floated

:kannada

:hindi

Enter your new choice



ENG

03:42
10-09-2020



X Output

```
Student Prema has selected for Kannada course
Student Sahana has selected for Sanskrit course
Student Chinmayee has selected for Hindi course
Number of student applied for kannada is 1
Number of students applied for sanskrit is 1
Number of student applied for hindi is 1
Prema please select from the other two course this course cannot be floated
2:sanskrit
3:hindi
Enter your new choice
>>>2
Prema please select from the other two course this course cannot be floated
1:kannada
3:hindi
Enter your new choice
>>>2
Sahana please select from the other two course this course cannot be floated
1:kannada
3:hindi
Enter your new choice
>>>3
Sahana please select from the other two course this course cannot be floated
1:Kannada
2:sanskrit
Enter your new choice
>>>1
Chinmayee please select from the other two course this course cannot be floated
1:Kannada
2:sanskrit
Enter your new choice
>>>2
AfterReselection
Number of student applied for kannada is 1
Number of students applied for sanskrit is 1
Number of student applied for hindi is 0
Prema has selected Sanskrit course
```



03:43

19-09-2020

1st program

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

Output: Hello World!

2nd program

```
class largest{  
    public static void main( String[] args){  
        int num1=10, num2 = 5, num3=25;  
    }  
}
```

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

Output: Hello World!

2nd program

```
class largest {  
    public static void main (String [] args) {  
        int num1 = 10, num2 = 5, num3 = 25;  
        if (num1 >= num2 && num1 >= num3)  
            System.out.println ("largest number is :" + num1);  
        else if (num2 >= num1 && num2 >= num3)  
            System.out.println ("largest number is :" + num2);  
        else  
            System.out.println ("largest number is :" + num3);  
    }  
}
```

Output :
largest number is : ~~xxxxxx~~ 25

3rd program:-

```
import java.util.*;  
class values {  
    public static void main(String[] args)  
    { int n,i; } // below class definition
```

```
Scanner in = new Scanner(System.in);
System.out.println("Enter the value of n:");
```

n = in.nextInt();

```
for (i=1 ; i<=n ; i++)
```

```
for(i=1;i<=10;i++)  
System.out.println("i");
```

1

۱

Output:

Enter the value of n:

4

1 2 3 4

```
System  
} n++;
```

System

3

3

3

Output

entem

3

1

2

1

~~541 p~~

imp

```
import java.util.*;  
class grades {  
    public static void main (String[] args) {  
        int total; CIE, see total;  
        Scanner in = new Scanner (System.in);  
        CIE = in.nextInt();  
        System.out.println ("Enter see marks out of  
        100");  
        SEE = in.nextInt();  
        total = CIE + (SEE/2);  
        if (total >= 89) {  
            System.out.println (" Grade is A ");  
        } else if (total >= 80) {  
            System.out.println (" Grade is B ");  
        } else if (total >= 70) {  
            System.out.println (" Grade is C ");  
        } else if (total >= 60) {  
            System.out.println (" Grade is D ");  
        }  
    }  
}
```

else if (total >= 45)

 System.out.println ("Grade is E");

else
 System.out.println ("Grade is F");

}

}
Output:-

Enter the CIF marks out of 50

42

Enter sec marks out of 100

95

Grade is A

6th program :-

(o = i || t == i) +

"Numbers

t = polt

{ (++i) < \ i > (i < = l) { (o = i) } }

else { o = 0 ;
 polt ; }

6th program.

```
import java.util.*;  
class Prime {  
    public static void main( String [] args ) {  
        Scanner in = new Scanner ( System.in );  
        int a,b,i,j,flag;  
        System.out.println("Enter lower bound");  
        a = in.nextInt();  
        System.out.println("Enter upper bound");  
        b = in.nextInt();  
        System.out.println("Prime no between");  
        for(i=a; i<=b; 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);  
        }  
    }  
}
```

```
#include <stdio.h>
#include <string.h>
int kan;
int san;
int hin;
typedef struct student {
    char name[20]; char course[20];
} std;
int main() {
    char elective1[20] = "Kannada";
    char elective2[20] = "Sanskrit";
    char elective3[20] = "Hindi";
    printf("Course available are\n 1. Kannada\n 2. Sanskrit
           \n 3. Hindi\n");
    int n;
    int choice;
    printf("Enter num of students\n");
    scanf("%d", &n);
    std s[n];
    for(int i=0; i<n; i++) {
        printf("Enter the name of student %d\n", (i+1));
        scanf("%s", s[i].name);
        printf("Enter the elective of student %d\n", (i+1));
        scanf printf("Enter your choice\n");
        scanf("%d", &choice);
        switch(choice) {
            case 1:
                strcpy(s[i].course, elective1); break;
            case 2:
                strcpy(s[i].course, elective2); break;
            case 3:
                strcpy(s[i].course, elective3); break;
        }
    }
}
```

```

case2: strcpy(s[i].course, elective2); break;
case3 : strcpy(s[i].course, elective3);
break; }

for(int i=0; i<n; i++) {
if (strcmp(elective1, s[i].course, strlen(elective1)) == 0) {
printf("student %s has selected for %.s course\n",
s[i].name, s[i].course);
kan++;
}
if (strcmp(elective2, s[i].course, strlen(elective2)) == 0)
{
printf("student %s has selected for %.s course\n", s[i].name,
s[i].course);
kan++;
}
if (strcmp(elective3, s[i].course, strlen(elective3)) == 0)
{
printf("student %s has selected for %.s course\n", s[i].name,
s[i].course);
min++;
}

printf("No of student for kannada is %.d\n", kan);
printf("No of student for sanskrit is %.d\n", sam);
printf("No of student for hindi is %.d\n", min);

if (kan < 30)
}

```

```
for (int i=0; i<n; i++)  
{  
    if (strcmp(s[i].course, elective1, strlen(elective1)) == 0){  
        printf("%s please select from other 2", s[i].name);  
        pf("2: san \n 3: hindi \n");  
        pf("Enter your new choice \n");  
        sf("%d", &choice);  
        san=0;  
        switch(choice){  
            case 2: strcpy(s[i].course, elective2);  
                hin++;  
                break;  
            }  
        }  
    }  
    if (san<30){  
        for (int i=0; i<n; i++)  
        {  
            if (strcmp(s[i].course, elective2, strlen(elective2)) == 0){  
                printf("%s please select from other 2", s[i].name);  
                pf("1. kannada \n 3: hindi \n");  
                pf("Enter your new choice \n");  
                sf("%d", &choice);  
                san=0;  
                switch(choice){  
                    case 1: strcpy(s[i].course, elective1);  
                        san++; break;  
                    case 3: strcpy(s[i].course, elective3); hin++;  
                        break;  
                }  
            }  
        }  
    }  
}
```

```

< if (hin < 30) {
    for (int i=0; i < n; i++) {
        if (strcmp (sc[i].course, elective3) == 0)
            printf ("you please select from other 2 course ", sc[i].name);
        pf ("1: kannada\n2: sanskrit\n");
        pf ("Enter your new choice \n");
        sf ("%d", &choice); hin = 0;
        switch (choice)
        {
            case 1:
                strcpy (sc[i].course, elective1);勘特;
                break;
            case 2:
                strcpy (sc[i].course, elective2);梵特;
                break;
        }
        pf ("After selection\n");
        pf ("No of student applied for kannada is %d\n", hin);
        pf ("No of student applied for sanskrit is %d\n", hin);
        pf ("No of student applied for hindi is %d\n", hin);
        for (int i=0; i < n; i++) {
            printf ("you has selected %s course\n", sc[i].name,
            sc[i].course);
        }
    }
}

```