

onlinegdb.com/online_c_compiler

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Language C

main.c

```
1 #include<stdio.h>
2 #include<string.h>
3 void main()
4 {
5     int cie, see, avg, i;
6     char grade,subject[20];
7     for(i=0;i<=4;i++)
8     {
9         printf("enter the subject name\n");
10        scanf("%s", &subject);
11        printf("Enter the CIE(out of 50) and SEE(out of 100) marks respectively\n");
12        scanf("%d%d",&see,&cie);
13        avg= cie + (see/2);
14        if (avg<=100 && avg>=90)
15            grade= 'S';
16        else if (avg<=89&& avg>=80)
17            grade= 'A';
18        else if (avg<=79 && avg>=70)
19            grade= 'B';
20        else if (avg<=69 && avg>=60)
21            grade= 'C';
22        else if (avg<=59 && avg>=50)
23            grade= 'D';
24        else if (avg<=49 && avg>=40)
25            grade= 'E';
26        else if (avg<=39)
27            grade= 'F';
28        else
29            printf("invalid marks\n");
```

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Language C

```
main.c
4 {
5 int cie, see, avg, i;
6 char grade, subject[20];
7 for(i=0; i<=4; i++)
8 {
9 printf("enter the subject name\n");
10 scanf("%s", &subject);
11 printf("Enter the CIE(out of 50) and SEE(out of 100) marks respectively\n");
12 scanf("%d%d", &see, &cie);
13 avg= cie + (see/2);
14 if (avg<=100 && avg>=90)
15     grade= 'S';
16 else if (avg<=89 && avg>=80)
17     grade= 'A';
18 else if (avg<=79 && avg>=70)
19     grade= 'B';
20 else if (avg<=69 && avg>=60)
21     grade= 'C';
22 else if (avg<=59 && avg>=50)
23     grade= 'D';
24 else if (avg<=49 && avg>=40)
25     grade= 'E';
26 else if (avg<=39)
27     grade= 'F';
28 else
29     printf("invalid marks\n");
30
31 printf (" the grade is %c\n", grade);
32 }
33 }
```

```
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Language C
input
main.c:10:9: warning: format '%s' expects argument of type 'char *', but argument 2 has type 'char (*)[20]' [-Wformat=]
enter the subject name
maths
Enter the CIE(out of 50) and SEE(out of 100) marks respectively
34 56
the grade is B
enter the subject name
english 50 34
Enter the CIE(out of 50) and SEE(out of 100) marks respectively
the grade is D
enter the subject name
cs
Enter the CIE(out of 50) and SEE(out of 100) marks respectively
23 60
the grade is B
enter the subject name
5 23
Enter the CIE(out of 50) and SEE(out of 100) marks respectively
5 23
the grade is F
enter the subject name
Enter the CIE(out of 50) and SEE(out of 100) marks respectively
eed
the grade is F

...Program finished with exit code 0
www.onlinegdb.com/online_c_compiler#tab-stdin
```

```

1  #include<stdio.h>
2  void main()
3  {
4      int i,j,n,c=1;
5      printf("enter a number");
6      scanf("%d", &n);
7      for(i=1;i<=n;i++)
8      {
9          for(j=1;j<=i;j++)
10         {
11             printf("%d ", c++);
12         }
13         printf("\n");
14     }
15 }
16

```

input

```

enter a number5
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15

```

```

...Program finished with exit code 5
Press ENTER to exit console.

```



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Language C


```
main.c
1 #include<stdlib.h>
2 #include<conio.h>
3 #include<stdio.h>
4 void main()
5 {
6     float see,cie,total;
7     char grade;
8     printf("Please enter your CIE marks(out of 50)\n");
9     scanf("%f",&cie);
10    printf("Please enter your SEE marks(out of 100)\n");
11    scanf("%f",&see);
12    total = (cie)+ (see/2);
13    printf("Your total marks are : %f\n",total);
14    if(total>=85)
15        grade = 'S';
16    else if(total>=75)
17        grade = 'A';
18    else if(total>=60)
19        grade = 'B';
20    else if(total>=50)
21        grade = 'C';
22    else if(total>=40)
23        grade = 'D';
24    else
25        grade = 'F';
26    printf("Your grade is : %c\n",grade);
27 }
```

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input

```
Please enter your CIE marks(out of 50)
45
Please enter your SEE marks(out of 100)
80
Your total marks are : 85.000000
Your grade is : S

...Program finished with exit code 18
Press ENTER to exit console.[]
```



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Language C

```
main.c
1 #include <stdio.h>
2
3 int primeCheck(int n) {
4     int j, flag = 0;
5     for (j = 1; j <= n; ++j) {
6         if (n % j == 0) {
7             flag++;
8         }
9     }
10    return flag;
11 }
12
13 int main() {
14     int n1, n2, flag, i;
15     printf("Enter two positive integers: ");
16     scanf("%d %d", &n1, &n2);
17     printf("Prime numbers between %d and %d are: ", n1, n2);
18     for (i = n1; i <= n2; ++i) {
19
20         flag = primeCheck(i);
21
22         if (flag == 2)
23             printf("%d \n", i);
24     }
25     return 0;
26 }
```

The screenshot shows a web browser window with the address `onlinegdb.com/online_c_compiler`. The browser's address bar includes a star icon, a bug icon, a puzzle piece icon, a hamburger menu icon, and a blue circle icon. Below the address bar is a toolbar with icons for file operations and a dropdown menu for the programming language, which is currently set to 'C'. The main area of the browser is a dark-themed code editor. On the left, a tab labeled 'main.c' is visible. The code in the editor is as follows:

```
Enter two positive integers: 4 13
Prime numbers between 4 and 13 are: 5
7
11
13

...Program finished with exit code 0
Press ENTER to exit console.
```

On the right side of the code editor, there is a vertical input area labeled 'input'. A small green circular icon with a white checkmark is located in the bottom right corner of the browser window.