OnlineGDB beta

online compiler and debugger for c/c++

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main.c

```c
1  #include<stdio.h>
2
3  int main()
4  {
5      float cie_marks, see_marks;
6      printf("Enter cie and see marks:");
7      scanf("%f %f",&cie_marks,&see_marks);
8      float total = cie_marks + (see_marks/2);
9      printf("The Grade of student:");
10     if(total>=90)
11         printf("S\n");
12     else if(total>=80 && total<90)
13         printf("A\n");
14     else if(total>=70 && total<80)
15         printf("B\n");
16     else if(total>=60 && total<70)
17         printf("C\n");
18     else if(total>=50 && total<60)
19         printf("D\n");
20     else if(total>=40 && total<50)
21         printf("E\n");
22     else
```

input

```
Enter cie and see marks:47 97
The Grade of student:S

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

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main.c

```c
3    int main()
4    {
5        float cie_marks, see_marks;
6        printf("Enter cie and see marks:");
7        scanf("%f %f",&cie_marks,&see_marks);
8        float total = cie_marks + (see_marks/2);
9        printf("The Grade of student:");
10       if(total>=90)
11           printf("S\n");
12       else if(total>=80 && total<90)
13           printf("A\n");
14       else if(total>=70 && total<80)
15           printf("B\n");
16       else if(total>=60 && total<70)
17           printf("C\n");
18       else if(total>=50 && total<60)
19           printf("D\n");
20       else if(total>=40 && total<50)
21           printf("E\n");
22       else
23           printf("F\n");
24
25       return 0;
26   }
```

input

```
The Grade of student:S

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

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Language C

main.c

```c
#include<stdio.h>

int main()
{
    int a,b;
    printf("Enter two integers:");
    scanf("%d %d",&a,&b);

    int i,j,k;
    printf("The prime numbers between %d and %d:\n",a,b);
    for(i=a;i<=b;i++)
    {
        for(j=2;j<=i/2;j++)
        {
            if(i%j==0)
            {
                k=0;
                break;
            }
            else
                k=1;
        }
        if(k==1)
            printf("%d\n",i); }
    return 0;}
```

input

```
Enter two integers:6 8
The prime numbers between 6 and 8:
7
```

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main.c

```c
1   #include<stdio.h>
2   #include<string.h>
3   #include<math.h>
4   int main()
5   {
6       char shape1[]="Cylinder";
7       char shape2[]="Cone";
8       char shape3[]="Sphere";
9       char quit[]="Quit";
10      char choice[50];
11      const float pi=3.142;
12      while(1)
13      {
14          printf("Enter a shape:");
15          scanf("%s",choice);
16
17          if(strcmp(choice,shape1)==0)
18          {
19              float r,h;
20              float a,v;
21              printf("Enter the radius and height of cylinder:");
22              scanf("%f %f",&r,&h);
23              a=(2*pi*r*h)+(2*pi*r*r);
```

input

```
Enter a shape:Cone
Enter the radius and height of cone:8 6
Area:452.447998  Volume:402.175995
Enter a shape:
```

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main.c

```
22          scanf("%f %f",&r,&h);
23          a=(2*pi*r*h)+(2*pi*r*r);
24          v=pi*r*r*h;
25          printf("Area:%f  Volume:%f\n",a,v);
26      }
27      else if(strcmp(choice,shape2)==0)
28      {
29          float r,h;
30          float a,v;
31          printf("Enter the radius and height of cone:");
32          scanf("%f %f",&r,&h);
33          a=(pi*r)*(r + sqrt(h*h + r*r));
34          v=pi*r*r*(h/3);
35          printf("Area:%f  Volume:%f\n",a,v);
36      }
37      else if(strcmp(choice,shape3)==0)
38      {
39          float r;
40          float a,v;
41          printf("Enter the radius  of sphere:");
42          scanf("%f",&r);
43          a=4*pi*r*r;
44          v=(4.0/3.0)*pi*r*r*r;
```

✓ ✗ ☝   input

```
Enter a shape:Cone
Enter the radius and height of cone:8 6
Area:452.447998  Volume:402.175995
Enter a shape:█
```

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Language C

main.c

```c
32              scanf("%f %f",&r,&h);
33              a=(pi*r)*(r + sqrt(h*h + r*r));
34              v=pi*r*r*(h/3);
35              printf("Area:%f  Volume:%f\n",a,v);
36          }
37          else if(strcmp(choice,shape3)==0)
38          {
39              float r;
40              float a,v;
41              printf("Enter the radius  of sphere:");
42              scanf("%f",&r);
43              a=4*pi*r*r;
44              v=(4.0/3.0)*pi*r*r*r;
45              printf("Area:%f  Volume:%f\n",a,v);
46          }
47          else if(strcmp(choice,quit)==0)
48              break;
49          else
50              printf("Invalid choice");
51
52      }
53      return 0;
54  }
```

input

```
Enter a shape:Cone
Enter the radius and height of cone:8 6
Area:452.447998  Volume:402.175995
Enter a shape:[]
```

```
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main.c
 1   #include<stdio.h>
 2
 3   int main()
 4 ▾ {
 5       int n;
 6       printf("Enter a number:");
 7       scanf("%d",&n);
 8       int i,j;
 9       int k = 1;
10       for(i=1;i<=n;i++)
11 ▾     {
12           for(j=0;j<i;j++)
13 ▾         {
14               printf("%d ",k);
15               k++;
16           }
17           printf("\n");
18       }
19       return 0;
20   }
```

```
                                        input
11 12 13 14 15
16 17 18 19 20 21

...Program finished with exit code 0
```

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