



WEEK2 ASSIGNMENT - OOI LAB x GDB online Debugger | Compiler x +

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main.c

```
25 if(c==1)
26 {
27     printf("Enter the radius and height of cylinder:");
28     scanf("%f%f",&r,&h);
29     a=2*3.14*r*h+2*3.14*r*r;
30     v=3.14*r*r*h;
31     printf("The area and volume of cylinder are:%f and %f\n",a,v);
32     goto label;
33 }
34 else if(c==2)
35 {
36     printf("Enter the radius and height of cone:");
37     scanf("%f%f",&r,&h);
38     a=3.14*r*(r+sqrt(r*r+h*h));
39     v=1/3*3.14*r*r*h;
40     printf("The area and volume of cone are:%f and %f\n",a,v);
41     goto label;
42 }
43 label:
44 printf("Enter your choice:");
45 scanf("%d",&c);
46 while(c!=1 && c!=2)
47 {
48     printf("Invalid choice. Enter 1 for cylinder or 2 for cone.\n");
49     scanf("%d",&c);
50 }
51 printf("The area and volume of cylinder are:2411.520020 and 9043.200195\n");
52 printf("The area and volume of cone are:150.796447 and 157.079633\n");
53 }
```

Input

```
1.Cylinder
2.Cone
3.Sphere
4.ExitEnter your choice:1
Enter the radius and height of cylinder:12
20
The area and volume of cylinder are:2411.520020 and 9043.200195
Enter your choice:4
...Program finished with exit code 0
Press ENTER to exit console.
```

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WEEK2 ASSIGNMENT - OOI LAB x GDB online Debugger | Compiler x C Program to Find Prime Num:- x +

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main.c

```
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 *****
9 #include <stdio.h>
10
11 int main()
12 {
13     int num1, num2, i, j, flag, temp, count = 0;
14
15     printf("Enter the value of num1 and num2 \n");
16     scanf("%d %d", &num1, &num2);
17     if (num2 < 2)
18     {
19         printf("There are no primes upto %d\n", num2);
20         exit(0);
21     }
22 }
```

Input

```
main.c:20:9: warning: implicit declaration of function 'exit' [-Wimplicit-function-declaration]
main.c:20:9: warning: incompatible implicit declaration of built-in function 'exit'
main.c:20:9: note: include <stdlib.h> or provide a declaration of 'exit'
Enter the value of num1 and num2
23
50
Prime numbers are
23
29
31
37
41
43
47
Number of primes between 23 & 50 = 7
...Program finished with exit code 0
Press ENTER to exit console.
```

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