

Online C Compiler - Programiz

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Programiz C Online Compiler

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main.c

Run

Output

Clear

```
1 #include <stdio.h>
2 #define PI 3.14
3 int main() {
4     int choice;
5     float r, l, b, h, side, area;
6     printf("Choose Shape to Find Area:\n");
7     printf("1. Circle\n2. Rectangle\n3. Triangle\n4. Square\n");
8     scanf("%d", &choice);
9     switch(choice) {
10     case 1:
11         printf("Enter radius: ");
12         scanf("%f", &r);
13         area = PI * r * r;
14         printf("Area of Circle = %.2f\n", area);
15         break;
16     case 2:
17         printf("Enter length and breadth: ");
18         scanf("%f %f", &l, &b);
19         area = l * b;
20         printf("Area of Rectangle = %.2f\n", area);
21         break;
22     }
```

Choose Shape to Find Area:

1. Circle

2. Rectangle

3. Triangle

4. Square

1

Enter radius: 5

Area of Circle = 78.50

=== Code Execution Successful ===

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Run

Output

Clear

```
17 printf("Enter length and breadth: ");
18 scanf("%f %f", &l, &b);
19 area = l * b;
20 printf("Area of Rectangle = %.2f\n", area);
21 break;
22 case 3:
23 printf("Enter base and height: ");
24 scanf("%f %f", &b, &h);
25 area = 0.5 * b * h;
26 printf("Area of Triangle = %.2f\n", area);
27 break;
28 case 4:
29 printf("Enter side: ");
30 scanf("%f", &side);
31 area = side * side;
32 printf("Area of Square = %.2f\n", area);
33 break;
34 default:
35 printf("Invalid Choice!\n");
36 }
37 return 0;
38 }
```

Choose Shape to Find Area:

1. Circle
2. Rectangle
3. Triangle
4. Square

1

Enter radius: 5

Area of Circle = 78.50

=== Code Execution Successful ===