

Online C Compiler - Programiz X +

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Programiz C Online Compiler

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Clear

```
main.c
```

Run Output

```
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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main.c

```
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 }
```

Run Output

* 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 ---