

# C Programming Assignment 1

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## 1 Area of a circle.

```
#include <stdio.h>

int main() {
    float base, height, area;

    printf("Enter base of the triangle: ");
    scanf("%f", &base);

    printf("Enter height of the triangle: ");
    scanf("%f", &height);

    area = 0.5 * base * height;

    printf("Area of Triangle = %.2f\n", area);

    return 0;
}
```

```
1 #include <stdio.h>
2
3- int main() {
4     float radius, area;
5     float pi = 3.1416;
6
7     printf("Enter radius of the circle: ");
8     scanf("%f", &radius);
9
10    area = pi * radius * radius;
11
12    printf("Area of Circle = %.2f\n", area);
13
14    return 0;
15 }
16
```

Enter radius of the circle: 69  
Area of Circle = 14957.16

=== Code Execution Successful ===

Figure 1: solution20