

C programming20

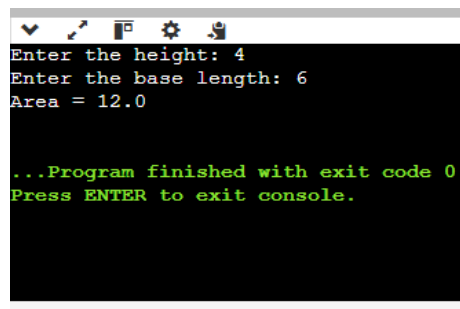
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August 2025

1 example 20:Calculate area of a triangle.

```
#include <stdio.h>

int main() {
    int H, L;
    float area;
    printf("Enter the height: ");
    scanf("%d", &H);
    printf("Enter the base length: ");
    scanf("%d", &L);
    area = (H * L) / 2.0;
    printf("Area = %.1f\n", area);
    return 0;
}
```

A screenshot of a terminal window with a black background and white text. The window has a standard Linux-style title bar at the top with icons for window control. The text in the terminal shows the program's execution: it prompts for height and base length, receives inputs of 4 and 6 respectively, and outputs the calculated area as 12.0. At the end, it shows a green message indicating the program finished successfully with exit code 0 and prompts the user to press ENTER to exit the console.

```
Enter the height: 4
Enter the base length: 6
Area = 12.0

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

Figure 1: Enter Caption