

C programming18

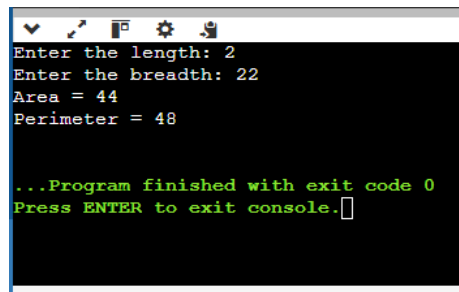
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1 example 18: Calculate area and perimeter of a rectangle

```
#include <stdio.h>

int main() {
    int L, B, area, perimeter;
    printf("Enter the length: ");
    scanf("%d", &L);
    printf("Enter the breadth: ");
    scanf("%d", &B);
    area = L * B;
    perimeter = 2 * (L + B);
    printf("Area = %d\n", area);
    printf("Perimeter = %d\n", perimeter);
    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 inside the terminal shows the program's execution: it prompts for 'Enter the length: 2' and 'Enter the breadth: 22', then outputs 'Area = 44' and 'Perimeter = 48'. At the bottom, it shows '...Program finished with exit code 0' and 'Press ENTER to exit console.' followed by a cursor.

```
Enter the length: 2
Enter the breadth: 22
Area = 44
Perimeter = 48

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

Figure 1: Enter Caption