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- (1) Printing on the screen done
- (2) Reading from the keyboard and printing done

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Write a program that prompts the user for an integer, calculates the square and prints the result on the screen (also print out a newline character '\n' after the result). After printing, the program closes itself.

Hint:

The program can be written in quite much the same way as the example in the chapter. You can implement the program in many ways, but you will probably need two variables: one for the number entered by the user and one for the square. In the example, the addition operator + was used for calculating a sum. In this program, you need the multiplication operator *.

Example output:

```
Enter an integer: 11
The square of the number you entered is 121
```

The verification of program output does not account for whitespace characters like "\n", "\t" and " "

program.c

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int first, square;
6     printf("Enter an integer: ");
7     scanf("%d", &first);
8     square = first * first;
9     printf("The square of the number you entered is %d\n", square);
10
11
12
13
14
15
16 }
```

Position: Ln 1 Ch 1

Full screen (Esc to exit)

Reset

Save Run