

C programming

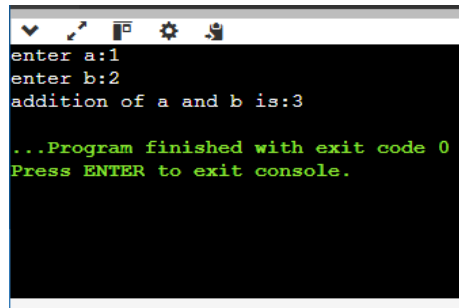
Yug Ribadiya

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1 example 1: Addition

```
#include <stdio.h>

int main()
{
    int a, b, c;
    printf("enter a:");
    scanf("%d", &a);
    printf("enter b:");
    scanf("%d", &b);
    c=a+b;
    printf("sum of a and b is:%d",c);
    return 0;
}
```

A screenshot of a terminal window with a black background and white text. The text shows the execution of a C program: 'enter a:1', 'enter b:2', and 'addition of a and b is:3'. Below this, in green text, it says '...Program finished with exit code 0' and 'Press ENTER to exit console.' The terminal window has a standard macOS-style title bar at the top with icons for window control and settings.

```
enter a:1
enter b:2
addition of a and b is:3

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

Figure 1: solution