

C Programming Assignment 1

darsh mistry

August 2025

1 Subtract two numbers.

```
#include <stdio.h>

int main() {
    int a = 15;
    int b = 7;
    int result;

    result = a - b;

    printf("Subtraction = %d", result);

    return 0;
}
```



The screenshot displays a C program in a code editor on the left and its execution output on the right. The code defines two integers, a = 15 and b = 7, and calculates their difference, storing it in a variable named result. The result is then printed using printf. The output window shows 'Subtraction = 8' and a success message '=== Code Execution Successful ==='.

```
1 #include <stdio.h>
2
3 int main() {
4     int a = 15;
5     int b = 7;
6     int result;
7
8     result = a - b;
9
10    printf("Subtraction = %d", result);
11
12    return 0;
13 }
14
```

Subtraction = 8
=== Code Execution Successful ===

Figure 1: solution 2