

C Programming Assignment 1

darsh mistry

August 2025

1 Perform all four operations.

```
#include <stdio.h>

int main() {
    int a = 20;
    int b = 5;

    int sum, difference, product;
    float division;

    sum = a + b;
    difference = a - b;
    product = a * b;
    division = (float)a / b;

    printf("Addition = %d\n", sum);
    printf("Subtraction = %d\n", difference);
    printf("Multiplication = %d\n", product);
    printf("Division = %.2f\n", division);

    return 0;
}
```

```
1  #include <stdio.h>
2
3- int main() {
4      int a = 20;
5      int b = 5;
6
7      int sum, difference, product;
8      float division;
9
10     sum = a + b;
11     difference = a - b;
12     product = a * b;
13     division = (float)a / b;
14
15     printf("Addition = %d\n", sum);
16     printf("Subtraction = %d\n", difference);
17     printf("Multiplication = %d\n", product);
18     printf("Division = %.2f\n", division);
19
20     return 0;
21 }
22
```

Addition = 25
Subtraction = 15
Multiplication = 100
Division = 4.00

=== Code Execution Successful ===

Figure 1: solution5