

C programming Assignment 5

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```
#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;
}
```

```
main.cpp  Run  Output  Clear
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
```

Output

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

=== Code Execution Successful ===
```

Figure 1: program 5