

C programming-6

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1 add,sub, multiply,divide

```
# include <stdio.h>

int main()
{
    int a, b, add, sub, multi;
    float div;

    printf("Enter a: ");
    scanf("%d", &a);

    printf("Enter b: ");
    scanf("%d", &b);

    add = a + b;
    sub = a - b;
    multi = a * b;
    div = (float)a / b;    // typecast to float for accurate division

    printf("Addition = %d\n", add);
    printf("Subtraction = %d\n", sub);
    printf("Product = %d\n", multi);
    printf("Division = %.2f\n", div); // prints division up to 2 decimal places

    return 0;
}
```

```
Enter a: 7
Enter b: 8
Addition = 15
Subtraction = -1
Product = 56
Division = 0.88

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

Figure 1: Enter Caption