

C Programming Assignment 1

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1 Net salary

```
#include <stdio.h>

int main() {
    float basic_salary, allowance, deduction, net_salary;

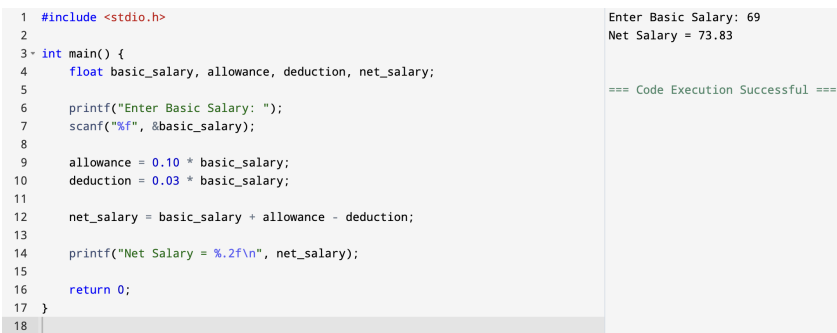
    printf("Enter Basic Salary: ");
    scanf("%f", &basic_salary);

    allowance = 0.10 * basic_salary;
    deduction = 0.03 * basic_salary;

    net_salary = basic_salary + allowance - deduction;

    printf("Net Salary = %.2f\n", net_salary);

    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 a function `main` that prompts the user for a basic salary, calculates an allowance (10% of basic salary) and a deduction (3% of basic salary), and then prints the net salary (basic salary plus allowance minus deduction). The execution output shows the user entering 69 for the basic salary, resulting in a net salary of 73.83. A success message "=== Code Execution Successful ===" is also displayed.

```
1 #include <stdio.h>
2
3 int main() {
4     float basic_salary, allowance, deduction, net_salary;
5
6     printf("Enter Basic Salary: ");
7     scanf("%f", &basic_salary);
8
9     allowance = 0.10 * basic_salary;
10    deduction = 0.03 * basic_salary;
11
12    net_salary = basic_salary + allowance - deduction;
13
14    printf("Net Salary = %.2f\n", net_salary);
15
16    return 0;
17 }
18
```

Enter Basic Salary: 69
Net Salary = 73.83
=== Code Execution Successful ===

Figure 1: solution21