Assignment - 4

Problem Statement:

Write a C Program to calculate the salary of an employee given his basic pay (taken as input from the user). Calculate gross salary of employee. Let HRA be 10 % of basic pay and TA be 5% of basic pay. Let employees pay professional tax as 2% of total salary. Calculate net salary payable after deductions.

Code:

```c
#include <stdio.h>

int main()
{
    float basic, hra, ta, gross, tax, net;

    // Input
    printf("Enter Basic Pay: ");
    scanf("%f", &basic);

    // Calculations
    hra = 0.10 * basic;
    ta = 0.05 * basic;
    gross = basic + hra + ta;
    tax = 0.02 * gross;
    net = gross - tax;

    // Output
    printf("\nGross Salary: %.2f", gross);
    printf("\nNet Salary Payable: %.2f", net);

    return 0;
}
```

Input & Output:

```
Enter Basic Pay: 350000

Gross Salary: 402500.00
Net Salary Payable: 394450.00
D:\MIT\Sem2\FOP\Leap Year\x64\Debug\Leap Year.exe (process 12036) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the conso
le when debugging stops.
Press any key to close this window . . .
```