

Hiring Task

.NET Developer

Task:

Develop a .NET Console Application to calculate Employees' Salary and Tax

Problem Statement:

A company wants to calculate its employees' salary and tax based on the following rules:

- The employees' salary is calculated based on their basic salary and the number of days they worked in a month.
- The tax is calculated based on the employees' taxable income.
- The taxable income is calculated by subtracting the tax exemptions from the salary.
- The tax exemptions include house rent allowance (HRA), conveyance allowance, and medical allowance.
- The tax is calculated based on the following tax slabs:
 - 0% for taxable income up to 2.5 Lakhs
 - 5% for taxable income between 2.5 Lakhs to 5 Lakhs
 - 20% for taxable income between 5 Lakhs to 10 Lakhs
 - 30% for taxable income above 10 Lakhs

Implementation Details:

Develop a .NET Console Application that takes the following inputs from the user:

- Employee Name
- Basic Salary
- Number of days worked in a month
- HRA Percentage (e.g. 20%)
- Conveyance Allowance Amount
- Medical Allowance Amount

The application should then calculate the salary, taxable income, and tax based on the rules mentioned above.

The application should print the following details:

- Employee Name
- Salary
- Taxable Income
- Tax Amount

Develop test cases to validate the implementation.

Example Input:

Employee Name: John Doe

Basic Salary: 50000

Number of days worked in a month: 26

HRA Percentage: 20%

Conveyance Allowance Amount: 5000

Medical Allowance Amount: 5000

Example Output:

Employee Name: John Doe

Salary: 52000

Taxable Income: 49000

Tax Amount: 4500

Note:

- This example is just for illustration purposes. The actual values may vary based on the inputs.
- The code should be uploaded on the **GitHub**
- Please share the link for GitHub code and screenshot of app on **recruitment@nirmitee.io**