

### **EXPERIMENT-10: Classes and Objects**

**Objective:** To understand the concept of classes and objects in C++.

**List of Lab Activities:**

Design, develop, and execute a program in C++ based on the following requirements:

An EMPLOYEE class is to contain the following data members and member functions:

Member	Description
<b>Data members</b>	
EmpNo (int)	Employee number
EmpName (string)	Name of the employee
BasicSalary (float)	Basic salary of the employee
Allowances (float)	Allowances obtained
Tax (float)	Income tax
NetSalary (float)	Total salary of the employee
<b>Member functions</b>	
getData()	To read data (EmpNo, EmpName, BasicSalary) of an employee
calcNetSalary()	To calculate total salary of an employee as: $\text{NetSalary} = \text{BasicSalary} + \text{Allowances} - \text{Tax}$ where, $\text{Allowances} = 123\% \text{ of BasicSalary}$ $\text{Tax} = 30\% \text{ of BasicSalary}$
dispData()	Display EmpNo, EmpName and NetSalary of an employee