**Practical Laboratory Assignment # 1**

**Topic covered: Introduction To Class and Object with set and get method**

**1** Define a class student with the following specification

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| Student |
| -Student\_ID: String  -Student\_Name: String  -OOP2\_Score:double  -Maths\_Score:double  -English\_Score:double  -Total\_Score:double |
| -ctotal():a function to calculate eng + math + OOP-2 with double return type. +Takedata() Function to accept values for student id, Student Name, eng, OOP-2,maths   and invoke ctotal() to calculate total. +Showdata() Function to display all the data members on the screen. |

**Special Note : In class diagram + for public, - for private**

2.  **Write C++ header file Employee.h with class Employee with following details.**

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| Employee |
| -Employee\_ID: String  -Employee\_Name: String  -No\_of\_Hours\_Work:int  -Rate\_per\_Hour:int |
| +setEmployee\_ID(String)  +getEmployee\_ID():String  +setEmployee\_Name(String)  +getEmployee\_Name():String  +set No\_of\_Hours\_Work (int)  +get No\_of\_Hours\_Work ():int  +set Rate\_per\_Hour (int)  +get Rate\_per\_Hour ():int +getTotal\_Monthly\_Salary():double |

**Write C++ program to in your program and write menu driven program to get employee details, display employee details, and display monthly salary details of employee.**

**Special Note : In class diagram + for public, - for private**