

# Object Oriented Programming

## Instructions

Work on these questions individually. **Absolutely NO collaboration is allowed.** Any traces of plagiarism would result ~~ZERO~~ marks in this Lab and possible disciplinary action.

Program the following tasks in your DevC++ compiler and then compile and execute them.

---

Write a class named **Employee** for which each object can hold information about a particular employee:

1. The class should have following four private data members
  1. A string named **name** that holds the employee's name.
  2. An integer named **id** that holds the employee's ID number.
  3. A string named **department** that holds the name of the department where the employee works.
  4. A string named **position** that holds the employee's job title.
2. Provide the implementation of following constructors and a destructor
  1. A **default constructor** that assigns empty string ("" ) to the name, department, and position member variables, and 0 to the id member variable.
  2. A **destructor** that do nothing except displaying a simple message "Destructor executed..." on the screen.
3. Provide the implementation of properties methods (**get/set**) for all the data members (name, id, department and position) of the class.
4. Provide the implementation of following member functions
  1. **setInfo** method accepts employee's name, employee's ID number, department, and position as arguments and assigns them to the appropriate member variables.
  2. **getInfo** method to initialize the data of an employee taken from the user.
  3. **putInfo** method to display the information of a particular employee.
5. Once you have written the class, write main function and test its functionality also creates five Employee objects to hold the following data.

Name	Id Number	Department	Position
Zaffar Mueen	1230	PU	Vice Chancellor
Mansoor Sarwar	1230	PUCIT	Principal
Mehwish Khursheed	1241	PUCIT – Old Campus	Students Affair Coordinator

The program should store this data in the five objects and then display the data for each employee on the screen in the appropriate forma