LAB # 1

**Introduction to Eclipse IDE**

# OBJECTIVE

Introduction to Eclipse IDE, creating projects, its classes and mapping into UML through plugins.

# Lab Task:

1. Design a university management system, an interface of ‘Employees’ that will have two/three method declarations. This interface will be implemented by two classes i.e Admin and Faculty. The faculty class will be extended by Professor, Assistant Professor, and Lecturer. On the other hand, admin class will be extended by examination and admission classes. All these inheritances will be called in the main class by instantiation. (The internal mechanism or method implementation is choice dependent; you can perform whatever you want). After completing the task, convert the program code into UML class diagram.

## Source Code:

**Employee.java:**

















