

CS 202: IT Workshop I

Assignment V (Group: GG1)

Implement a portion of the Employee information system of an educational institution. Possible classes in the system will be Employee, Faculty, Staff, TemporaryEmployee, etc.

- a) Employee class will be abstract and it should have an abstract method.
- b) Every class should have at least one final data member and a final method.
- c) Final data members in the class have to be initialized using constructor of the corresponding class.
- d) Implement method overriding and method overloading in each class and indicate those using comments.
- e) Create array objects and call different methods to show polymorphism.

Provide two different menu levels (1: Admin, 2: Non-admin) and appropriate options within each menu. Admin option may have i) creating object, ii) deleting object (based on any field), etc. Non-admin options can be displaying object information based on different field (e.g. userID, etc.)

Notes:

1. You should name the variables and methods appropriately.
2. You may take help of the additional packages wherever feel appropriate.