CS 202: IT Workshop I
Assignment V

Implement a portion of the user information system of an educational institution. Possible classes in the system will be User, Student, Faculty, Staff.

a) User class will be abstract and it should have at least 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.