IOOM README

Name - Kunal Moharkar

Roll no. - BT18CSE018

⚙ **Project contents**

- **.h files -** contains data members and member functions declarations
    1. Address.h
    2. Person.h
    3. Student.h
    4. Faculty.h
- **.cpp files -** contains data members and member functions declarations
    1. Address.cpp
    2. Person.cpp
    3. Student.cpp
    4. Faculty.cpp
    5. main.cpp (demonstration of all the methods and dynamic polymorphism)

⚙ **Execution instructions**

1.compile all the files

2.execute the main.cpp

⚙ **Using the Interface**

- Console will prompt with 2 options - 1.Add user 2. quit

- On selecting Add user enter the prompted credentials

- Choose department form dropdown

- Enter Address credentials

- Choose Role : 1.Faculty 2.Student

- For faculty select designation from dropdown

- Press 1 to add courses

- Press 1 to continue

- Add courses (max limit of courses is 6)

- For student Press 1 to add courses

- press 1 to continue

- Add courses (max limit is 6)

- press 1 to add course grade

- Enter prompted values of course and grade (course should exist and grade between 0 and 10 inclusive)

- New user created will be displayed with credentials

⚙ Demonstration of `print_all()` method

- Three dummy objects one each of Person, Student and Faculty are already created.

- `print_all()` method is executed and all of them.

- Results are displayed to the Console. (showing run-time polymorphism).