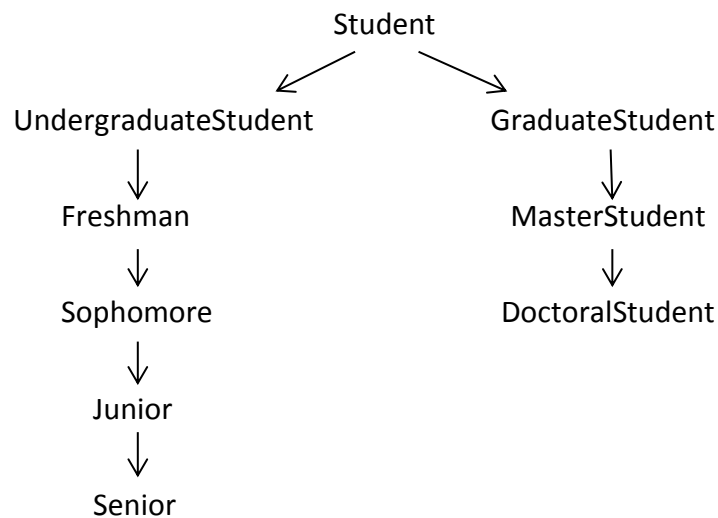


## Lab6

- 1.(1) true
- 1.(2) false. An *is-a* relationship is implemented via inheritance.
- 1.(3) false. Because the property between the student and faculty and course is different. Faculty means teacher and the student isn't a teacher.
- 1.(4) true
- 1.(5) true

2.



UndergraduateStudent derives from Student. Freshman derives from UndergraduateStudent. Sophomore derives from Freshman. Junior derives from Sophomore. Senior derives from Junior. GraduateStudent derives from Student. MasterStudent derives from GraduateStudent. DoctoralStudent derives from MasterStudent.