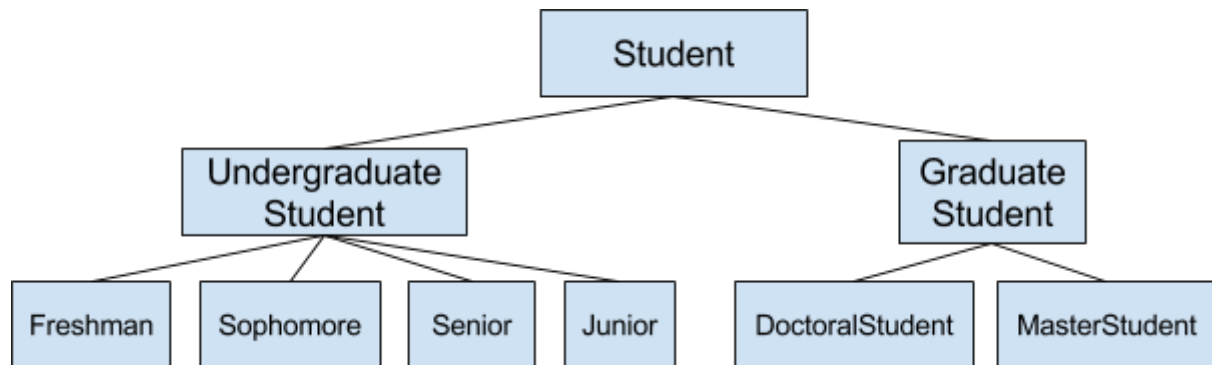


1.
 - (1) True
 - (2) False , the is-a relationship represents inheritance .
 - (3) False , since a **Student** is not a **Faculty** , and not a **Course** .
 - (4) True
 - (5) True

2.



For Undergraduate Student and Graduate Student , Student is their direct base class , on the other hand , they are derived classes of Student. Clearly , they have is-a relationship with class Student.

And for Freshman, Sophomore, Junior and Senior , class Student is their indirect base class , class Undergraduate Student is their direct base class , so does DoctoralStudent and MasterStudent .

All the hierarchy is Single inheritance ,do not exist Multiple one.

