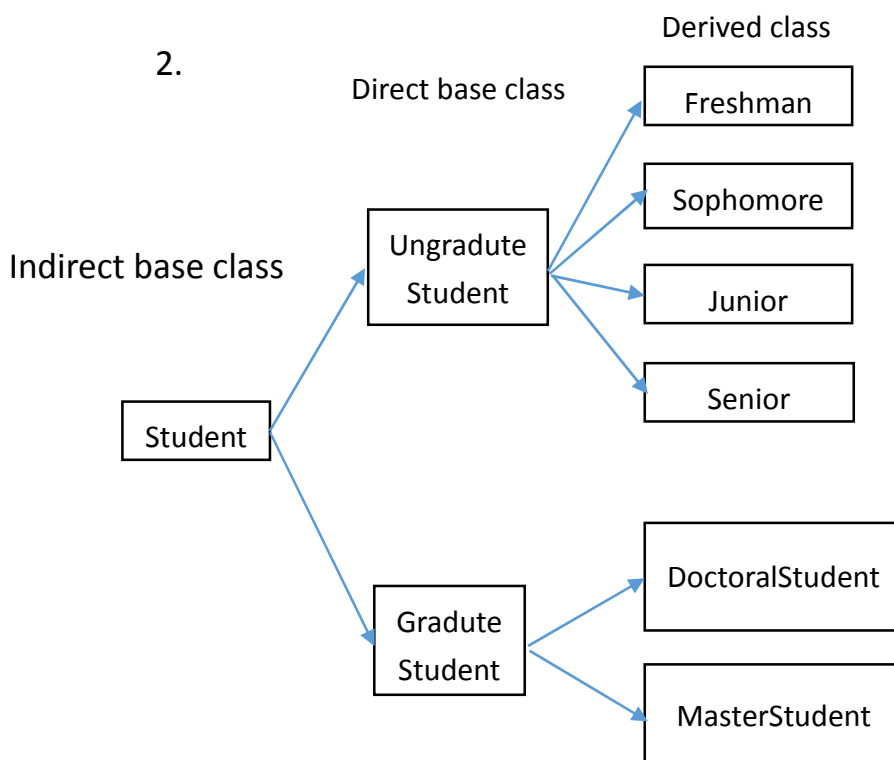


1.

- (1) True
- (2) False, the is-a relationship represents inheritance, and the has-a relationship represents composition.
- (3) False, a student has a has-a relationship with faculty and course, because a student is not a kind of faculty nor course.
- (4) False, can be accessed by public or protected member functions of the base class, which have been inherited by the derived class.
- (5) True

2.



Freshman, Sophomore, Junior, and Senior have is-a relationship to UngraduateStudent and Student.

DoctoralStudent and Masterstudent have is-a relationship to GraduateStudent and Student.

UndergraduateStudent has is-a relationship to Student.

GraduateStudent has is-a relationship to Student.