

計算機概論(二)

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第一題

(1)正確

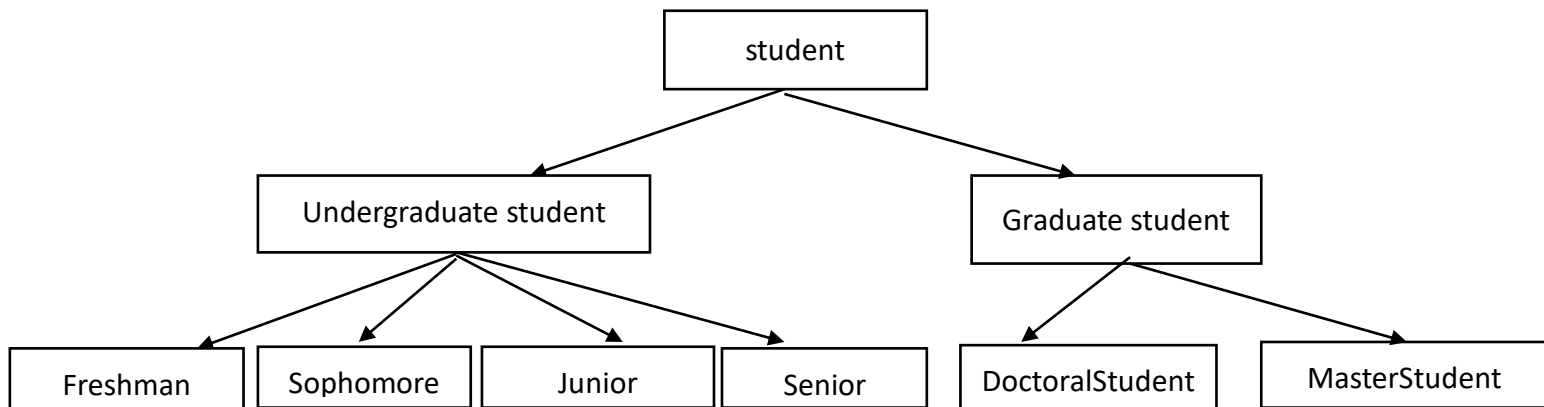
(2)錯誤 【更正】 The is-a relationship implemented via inheritance.

(3)錯誤 【更正】 A Student class has an has-a relationship with the Faculty and Course classes.

(4)正確

(5)正確

第二題



(1) UndergraduateStudent and GraduateStudent derive from Student.

(2) Freshman, Sophomore , Junior, and Senior derive from UndergraduateStudent.

(3) DoctoralStudent and MasterStudent derive from GraduateStudent.

(4) UndergraduateStudent is direct base class of Freshman, Sophomore , Junior, and Senior.

(5) GraduateStudent is direct base class of DoctoralStudent and MasterStudent.

(6) Student is indirect base class of Freshman, Sophomore , Junior, Senior, DoctoralStudent and MasterStudent. student Freshman Sophomore Junior Senior DoctoralStudent MasterStudent UndergraduateStudent GraduateStudent