LAB6 F74046014 資訊108蘇俐文

1.

(1)錯誤,會繼承被繼承者的ctor,但不會是繼承者的ctor

(2)錯誤,composition是大包小(has-a), inheritance是繼承(is-a)

(3)錯誤,是has-a

(4)正確

(5)正確

2.

UndergraduateStudent 和 GraduateStudent 都擁有Student的能力

Freshman, Sophomore, Junior, Senior都有UndergraduateStudent的能力

DoctoralStudent and MasterStudent都有GraduateStudent的能力

但Freshman, Sophomore, Junior, Senior, DoctoralStudent and MasterStudent也都同時有Student的能力

DoctoralStudent

MasterStudent

Junior Freshman

Freshman

Sophomore

SeniorJunior SeniorFreshman

UndergraduateStudent

Student

GraduateStudent