LAB 6 of programming Design (II)

Report

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1/ State whether each of the following is true or false. If false, explain why.

1. Base-class constructors are not inherited by derived classes.

Ans：True ，建構子跟解構子不會被繼承

1. An is-a relationship is implemented via composition.

Ans：False

Composition 是一個 has – a的關係

Inheritance 才是一個 is – a 的關係

1. A Student class has an is-a relationship with the Faculty and Course classes.

Ans：False, is has – a relation

1. Private members of a private base class are inaccessible to the derived class.

Ans ：True，會被繼承，但是子類別不能存取

1. A base class’s protected members can be accessed in the base-class definition, in derived-class definitions and in friends of the base class and its derived classes.

Ans：True

2/ Draw an inheritance hierarchy for students at a university.

