Lab1.1(Non-programming)

I understand the meaning of academic dishonesty, in particular plagiarism, copyright infringement collusion. I am aware of the consequences if found to be involved in these misconducts. I hereby declare that the work submitted for the “ITP4510 Data Structures & Algorithms” is authentic record of my own work.

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Q:

Discuss what “polymorphism” means and how polymorphism is being illustrated in this example.

A:

Polymorphism means that under an object of a subclass type may also be treated as an object of its superclass type. The use of a superclass reference variable for referencing a subclass object instance. In this example, we have used of superclass variables to hold subclass objects and used the array of the superclass and a for loop for object method.