Lab1.2(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.

\* @YUEN Yiu Yeung

\* @2021-01-31

Q1:

Explain why the statement below cannot be compiled.

Food noodle = new Food("Noodle", 23);

A1:

As we have rewritten the Food class to become an abstract class, so that it can provide a place to put method and variables for inheriting into subclasses. Therefore, abstract Food cannot be instantiated.