Assignment 1
CISC324 – Fall 2021

Question 1: (5 Marks)

Why is main memory not suitable for permanent program storage or backup purposes? Furthermore, what is the main disadvantage to storing information on a magnetic disk drive as opposed to main memory?

Question 2: (5 Marks)

Describe the dining-philosophers problem and how it relates to operating systems.

How to Submit:

Write your answers to the given questions in a file and name it according to this format 324-1234 –Assn1.pdf, where 1234 stands for your last 4 digits of your students ID. Notice the extension is "pdf" it is preferred to submit a pdf file. If you can not save your file as pdf then you may save it as a document.

Then upload "423-1234 –Assn1.pdf into Assignment 1 dropbox at onQ. You may upload several times if you wish , however, onQ only keeps the last uploaded file. Please check your files after uploading.

An "*I uploaded the wrong file*" excuse will result in a mark of zero, no exceptions please!

Also note that last uploaded file always replaces previous file, and onQ is set to have *only* the last uploaded file.