IS3313: Continuous Assessment
Essay 2

(a) Describe with stacked diagrams two approaches to server virtualisation i.e. "Type 1 Hypervisor: Hardware Emulation" and "Type 2 Hypervisor: Operating System". In your answer describe each of the elements and how the different layers interact with each other.

(40 Marks)

(b) Describe the advantages and disadvantages of Paravirtualization over "Type 2 Hypervisor: Operating System". In your answer provide one clear case for when Paravirtualization should be used over "Type 1 Hypervisor: Hardware Emulation" and conversely provide one clear case when "Type 1 Hypervisor: Hardware Emulation" excels over Paravirtualization.

(60 Marks)

Submit an 1,800 word (at maximum) essay as part of your answer. All essays must be submitted on Blackboard by 5pm on the 22nd of November 2018.

Required Format:
- Maximum of 1,800 words (excluding references and cover page).
- All external sources of information must be referenced (Harvard referencing style).
- Font - Times New Roman size 12.
- Spacing - 1.5.

Cover page to include the following:
- Student Name
- Student Number
- Class
- Course Code
- Lecturer Name