CSY1014 Assignment 2 Brief

Please write a technical report which covers microprocessors (in around 2000 words, can be more if necessary), the report should cover the following topics.

**A brief history of microprocessors**

You need to do a bit research on the history of microprocessor.

**How microprocessors fetch and execute instructions**

This is based on the simplified version of microprocessors as discussed in our lecture. In terms of instructions executions please use the instructions discussed in our lecture as well.

**Explain how Pipelining technic work**

You can use diagram/tables etc to help to delivery the idea, also discuss the speedup factor due to the pipelining.

**Discuss the Pros & Cons of CISC and RISC**

Please do some research to find out the pros & cons of the two type of processors.

Note:

When writing assignment 2, please notify the followings:

1. You do not have to include any academics resources nor references in the report.

2. You arrange the layout of the contents by yourself.

3. Do not copy & past from Internet or any other resources, NILE TurnitIn system will pick it up. When you submit your report TurnitIn system will show the Similarities in percentage, the maximum acceptable similarity percentage is 20%, otherwise you will violate the academics integrity.

4. You can submit your report multiple times, the later submission will overwrite the previous one.