

Guidelines for first research topic

a) Your research should include five sections:

- 1) Introduction
- 2) System software survey
- 3) Application software survey
- 4) Application
- 5) References

b) Formatting:

- 1) paper size A4
- 2) font type times new roman
- 3) font size 14
- 4) spacing 1.5
- 5) alignment justify
- 6) page number on every page

note: there will be template on your course site which contains all these requirements.

Comparative study of system software and application software survey

1) Introduction

In this section, you give a brief introduction about what you will discuss in the following sections.

2) System software survey

There are different types of operating systems as mentioned in your lecture. Try to compare between these operating systems.

3) Application software survey

Describe what is application software. The different types of ownership rights and the difference between installed and Web-based software. Make a good survey about three types of application software.

4) Application

Choose one application software program which you are interested in purchasing. Compute the minimum software requirements of that program. Search for the best two price for that program. Then check availability and approximate delivery time. Give a suggestion where to purchase that program and justify your choice.

5) References

If your reference is **book**: **The author(s), The title, book.**

If your reference is **lecture notes**: **The author(s), year, The title, Lectures note, University.**

If your reference is **URL**: **URL, Access time**

Guidelines for second research topic

a) Your research should include five sections:

- 1) Introduction
- 2) Input devices survey
- 3) Storage devices survey
- 4) Application
- 5) References

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Survey of input devices and storage devices

1) Introduction

In this section, you give a brief introduction about what you will discuss in the following sections.

2) Input devices survey

Compare between the most common input devices used with personal computers. Compare between two hardware designed for capturing data in electronic form.

3) Storage devices survey

List and give brief description of the different types of storage devices. Compare between two types of hard drives. Compare between the various types of optical discs.

4) Application

Suppose you want to buy a new printer. Specify your most important features (quality, more memory, capabilities of photo printing, connectivity of digital camera, built-in flash memory card readers and wireless connectivity) needed to meet your needs. Search for the best two printers that fulfill your needs. Do not forget to take in your consideration both the printer price and the consumables price (like paper and ink/toner). Give a suggestion for the best printer that meet your needs and justify your choice.

5) References

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If your reference is **lecture notes**: **The author(s), year, The title, Lectures note, University.**

If your reference is **URL**: **URL, Access time**