CSC-215 Extra Credit Project

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1   Introduction

Computer Science has been around long enough to have built up a collection names, ideas, and terms that "everyone" knows. Things like bits, nibbles, bytes, words, ASCII, Baudot, Grey Code, Hollerith, "Hello World.", Dijkstra, Knuth, and hamming.

This extra credit project is to write a paper about one of those terms. The term is: core.

2   Details

Core has its roots back in the earliest days of computer programming (before computer science came became a separate entity) as part of how a computer was built. The concept of core continues today and is part of advanced computer programming.

An itemized list of things you can dow with core include:

- Create core,

- Look at core,

- Limit core,

- Run core,

- Remove core.

Your project is to write about core. Things that I'll be looking for:

1. Physical presentation:

    (a) Between 6 and 8 pages of text. This page count does not include the front-matter (title page, table of contents, list of tables, list of figures, etc.), the end matter (references, possible appendices, etc.).
    (b) 10 or 12 point, single sided, New Times Roman (or similar font).
    (c) A PDF document (not a Word, or Open Office, or something else).
    (d) Modern language Association of America (MLA) format.

2. Content:

    (a) Origin of core,
    (b) Explanation of core,
    (c) Modern equivalent of core,
    (d) How do each of the tasks in the itemized list in Windows,
    (e) How do each of the tasks in the itemized list in Linux,

2.1 Local resources

The TCC Writing Center[1] is available during normal business hours and for a limited time on the Weekends. The center is located in the Lynnhaven building, room E121 (757) 822-7170.

2.2 Remote resources

There are a number of on-line resources to assist with writing styles and formatting. These include:

- Purdue OWL: MLA Formatting and Style Guide [2]. The Purdue Online Writing Lab (OWL) offers a large number of free resources including style guides, avoiding plagiarism, and developing a résumé.

- Cornell University Library [3] with lots of examples of style. citing sources, and works with varying numbers of authors and contributors.

- Modern Language Association (MLA) [4] is the canonical source.

- imgur.com [5]

2.3 Notional organization

The paper should have this kind of organization (with a table of contents and section headings):

- Introduction

- Discussion

- Details

- Conclusion

- References

Each section should have at least four well written paragraphs. A well written paragraph has the following elements[6]:

- Unity – a single focus,

- Coherence – easily understood by the reader,

- A topic sentence – a general statement of what the paragraph will be dealing with,

- Adequate development – discussing the topic sentence fully and adequately

3 Conclusion

This is an extra credit assignment. It is not a required assignment.

At the end of the project, you'll have a greater appreciation of what can be done on a computer when you have the right tools and the right perspective.

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[1] https://web.tcc.edu/students/resources/writcent/
[2] https://owl.english.purdue.edu/owl/resource/747/01/
[3] https://www.library.cornell.edu/research/citation/mla
[4] https://www.mla.org/
[5] http://imgur.com/gallery/5XbWV
[6] https://owl.english.purdue.edu/owl/resource/606/01/