Overview

- Focus: Computing Science in Production

- Architecture: von Neumann

- Readings: None

- Core Ideas:

    1. Objective & Schedule

    2. Topics

    3. Grading Criteria

Objectives & Schedule
Aha!

Objectives

- Conduct research on a topic related to computer science

  - Gain more in-depth knowledge about specific topics in Computer Science

  - Learn how to utilise the internet to perform research

  - Present findings in a professional manner using computers, including creating slides, etc.

  - Learn how to utilise LaTeX to write essays, write equations, etc.

Schedule

- **Individual project**

  - **Initial presentation**, In-class, from Week 10 to Week 11

  - **Final presentation**, In-class, from Week 12 to Week 13

  - **Final essay**, Submit on Moodle before Final exam

- All slides should be submitted on Moodle for grading

Rules for Topic Assignment

- All topic selection **MUST** be reviewed by me, or you will lose **ALL** marks

- **Topic proposal**
  be prepared to provide some explanations to your selection of topics

  - **A valid topic** can be a **recommended** one, or can be one you think is interesting, and **I will decide if it is valid** and give you feedback

  - If **none** of the proposed topics **are valid**, or **other students** are more convincing as to why they **should do your topics**, **I will assign** your a recommended topic

Topic Proposal

- Your project needs to be **in-depth**, in the forms of **Survey papers** or **Research papers**

- Each **student** MUST submit **3 preferred topics** to me for review through my survey system by **29 Oct**

- Announcement of **topic assignment** and **presentation time** will be announced on **30 Oct**, the first day of presentation is on **06 November**

- Each individual presentation should take **10-15mins**. In addition, the presenting student will need to **prepare to answer questions** raised by the audience

- Each student WILL have a **different topic**, final paper submission before final exam
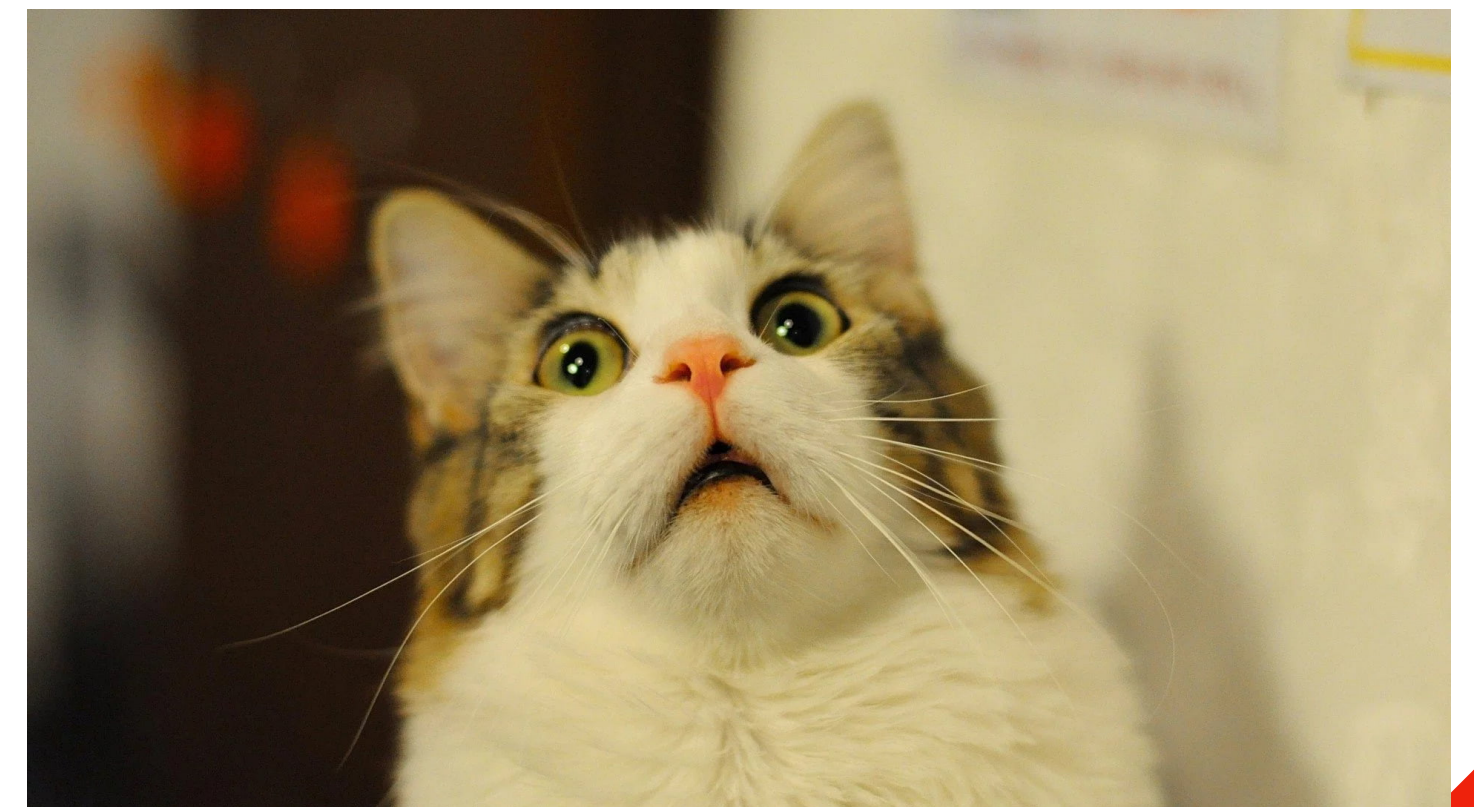
Detail

Grading Criteria

Grading

- Initial Presentation (**Not Graded**)

  - No grades for your slides at this point

  - Give feedbacks to 4 other students
    You will be **Graded** based on the quality of your feedback

- Final Presentation (**Graded**)

- Final Essay (**Graded**)

Concept

Basic Requirements

- Slides are professional looking

- Numbers and Statistics are accurately presented

- Clear division of labour

- Proper use of citations

- Plagiarism: punishable by cat fart.

Grading

- Content No.1

  - Quality of slides

  - Clarity of presentation

  - Importance/relevance of your conclusions

- Workload No.2

Concept