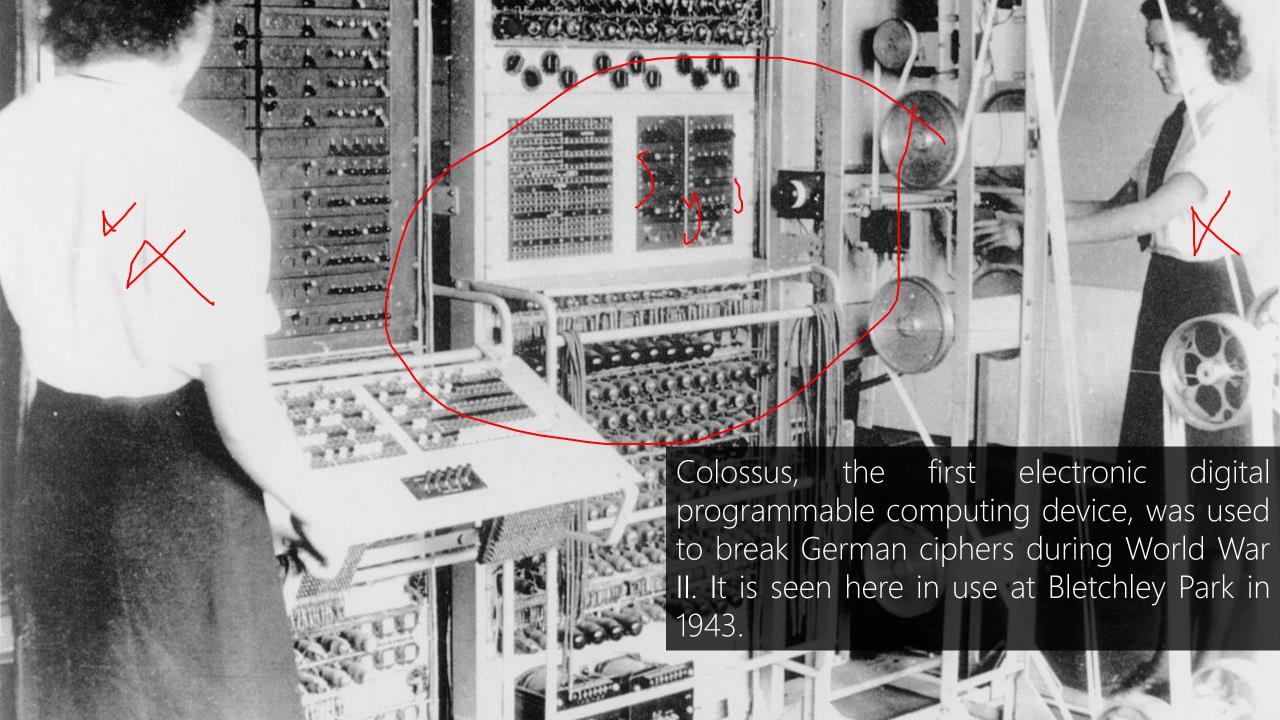




Digital Design (Logic Circuits)
Computer Architecture
Assembly Language
Operating Systems





Operating System

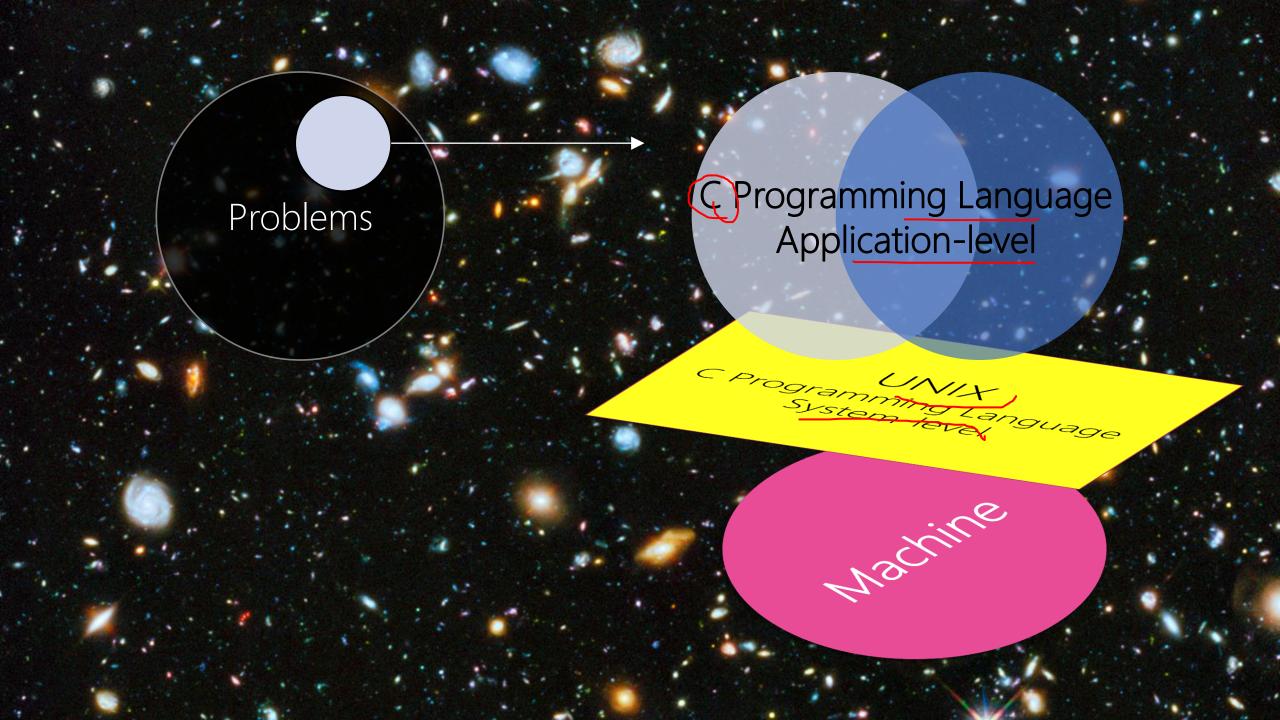
A program for programs! System-level Program

UNIX

1969 in Assembly

C for UNIX

System-level Programing



System-level Programing

We want to know how UNIX execute our program!

System-level Programing

Why?







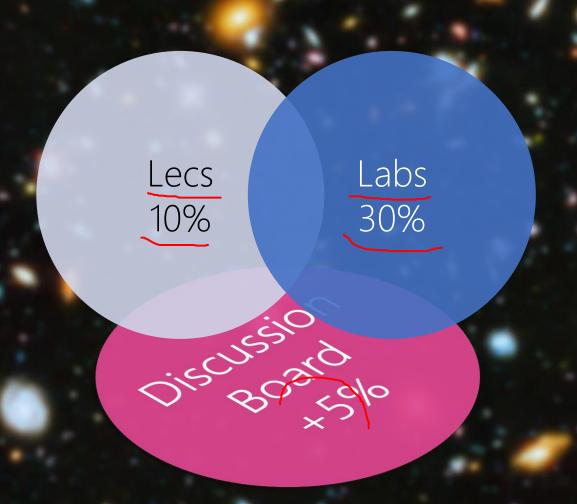


Follow the white rabbit. Follow the White Rabbit

- The Matrix (1999), Lana & Lilly Wachowski







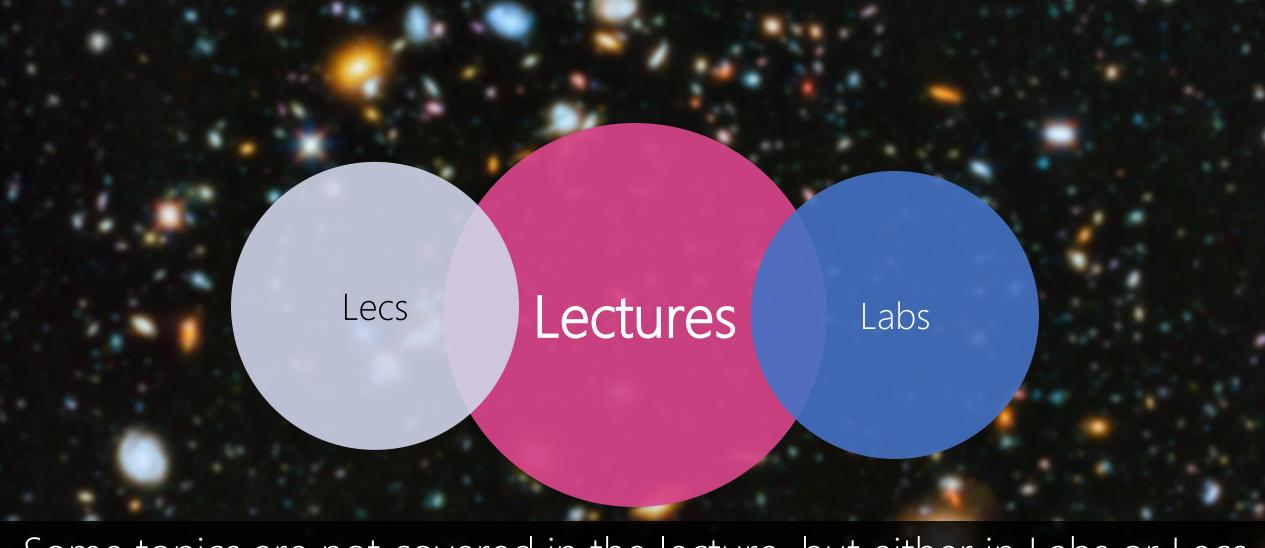
Midterm Exam 30%

Final Exam 30%

- Keys to the exams.
- No programming questions. Finding the semantic errors of given programs.

Midterm Exam 30%

Final Exam 30%



Some topics are not covered in the lecture, but either in Labs or Lecs

Lecture Presentation Dialog

VS.

VS.

VS.

Text

Book

Monolog

To Risk

To laugh is to risk appearing a fool

To weep is to risk appearing sentimental

To reach out to another is to risk involvement

To expose feelings is to risk exposing your true self

To place your ideas and dreams before a crowd is to risk their loss

To love is to risk not being loved in return

To hope is to risk despair

To try is to risk to failure

But risks must be taken because the greatest hazard in life is to risk nothing.

The person who risks nothing, does nothing, has nothing, is nothing.

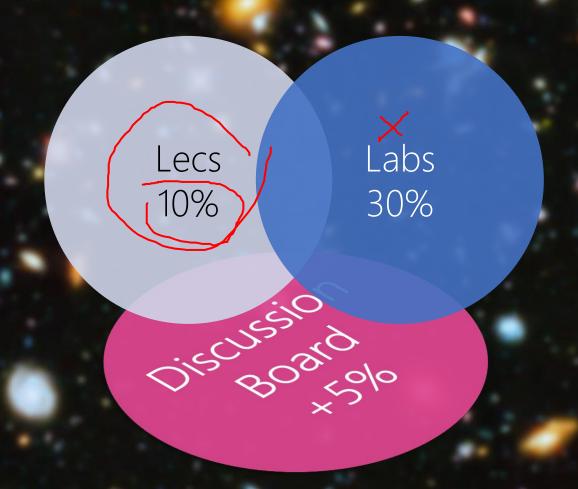
He may avoid suffering and sorrow,

But he cannot learn, feel, change, grow or live.

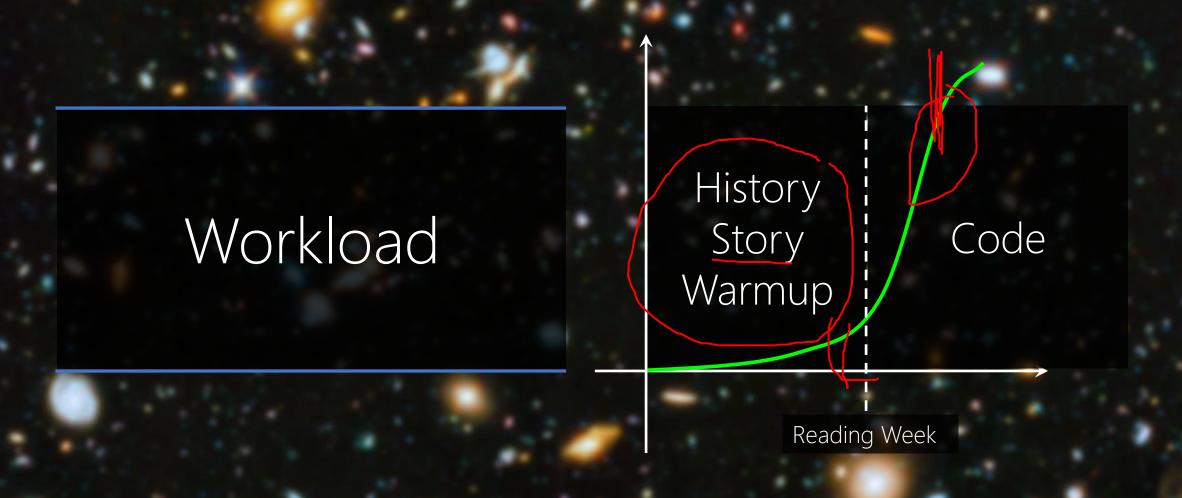
Chained by his servitude he is a slave who has forfeited all freedom.

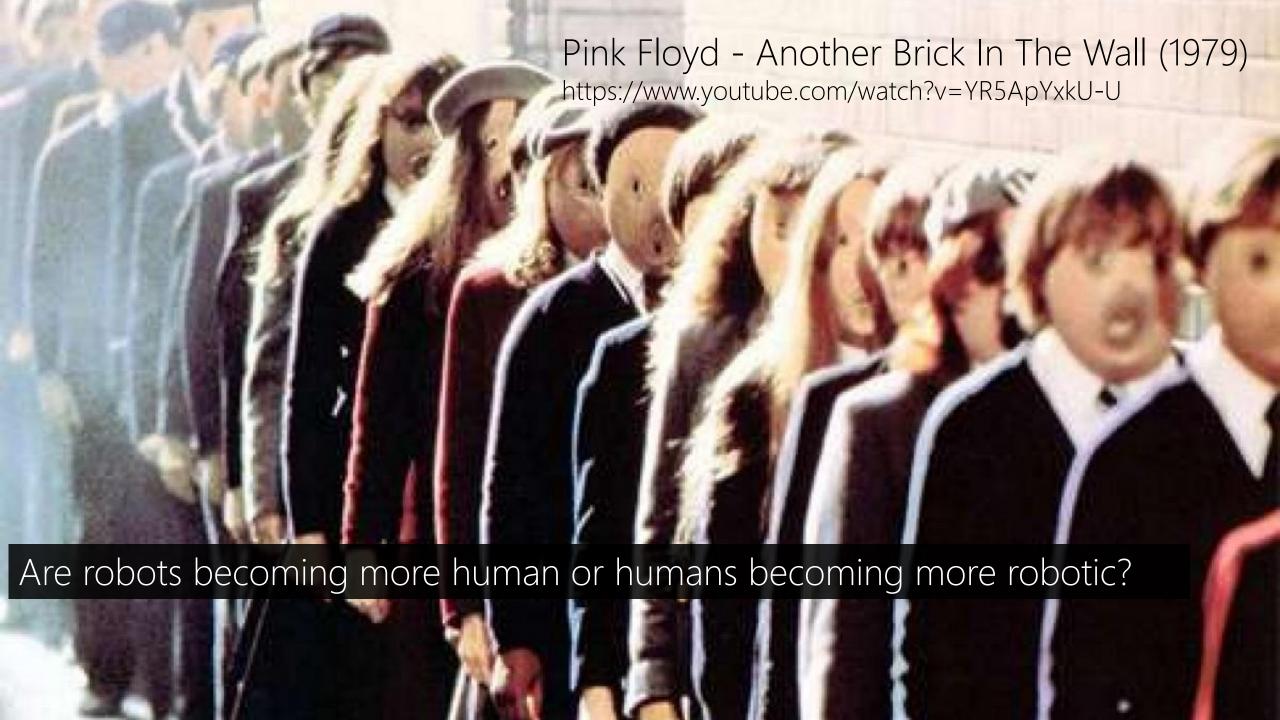
Only a person who risks is free.

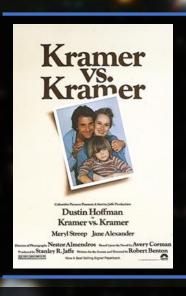
-- Attributed to several authors including William Arthur Ward



- Take the plunge! Start coding in C
- Labs may have dependencies!
- No key to the labs.
- Key to the Lecs based on highest selected questions
- Lab# == Week#





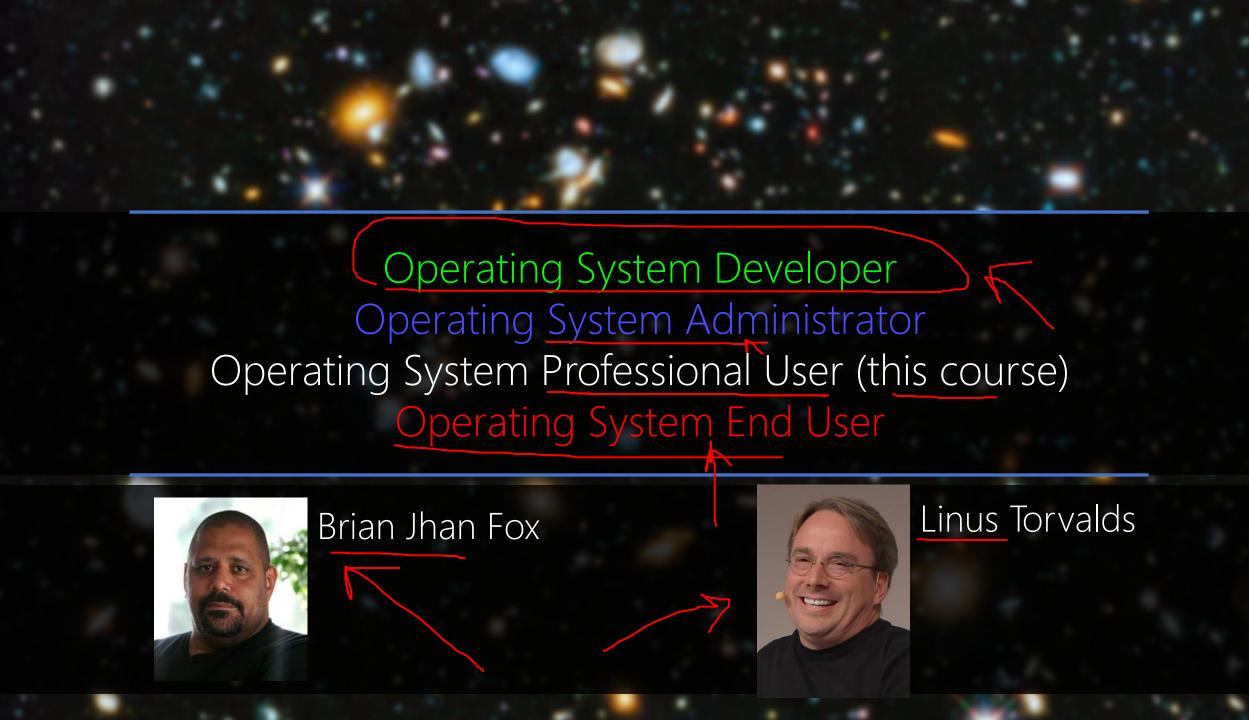


Googler vs. Googler

Googler: A Person Who Builds Google

Googler: A Person Who Works for Google

Googler: A Person Who Uses Google



ATTENDANCE

Optional: Lectures, Labs, ..., Use Your time Wisely!

BLACKBOARD TOUR

LEARNING OUTCOME aka. Learning Objectives

COURSE OUTLINE aka. Course Syllabus

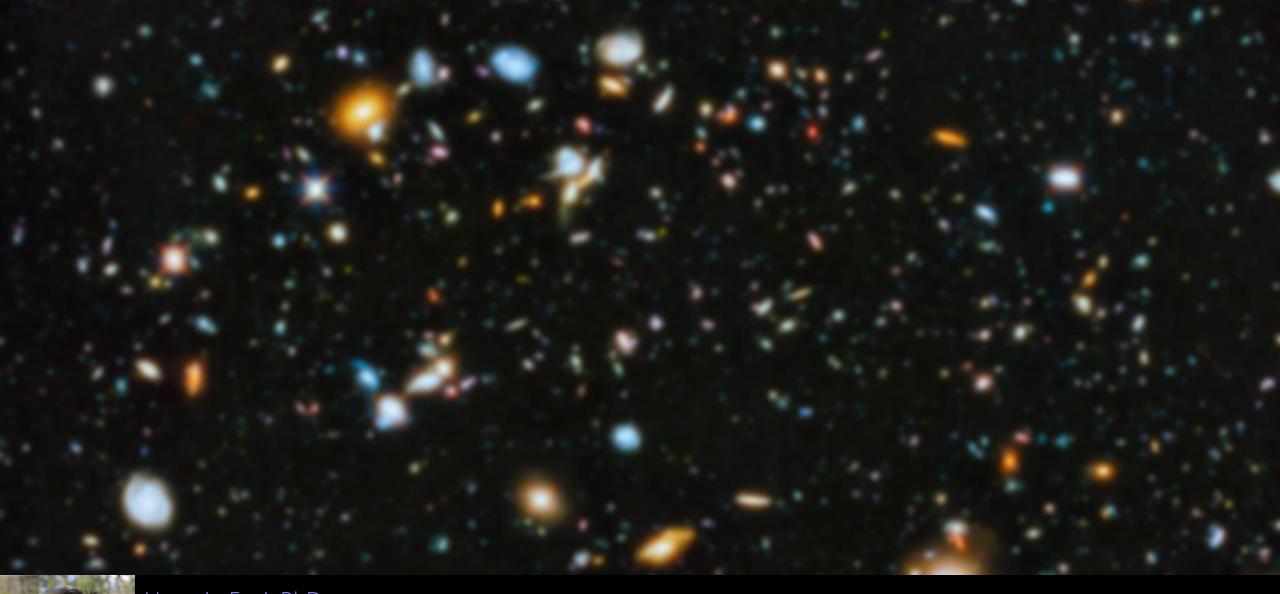
LABORATORY GUIDE aka. Lab Manual

LABROOM aka. Laboratory

DISCUSSION BOARD + Bonus 5%

OFFICE

Right After the Lectures 5111 Lambton Tower Monday – Wednesday 11:30 AM – 12:30 PM





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