Assessments

Midterm - 27 Sep (12-2pm)

Final - 25 Nov (5-7pm)

PE 1 - 2 Oct (9am-12pm)

PE 2 - 6 Nov (9am-12pm)

what is a program?

Sequence of step-by-step instructions to process data and perform Curtain tasks.

Machine Code — Instructions sent from memory to the CPU Represented by a segmence of 0s and 1s

Assembly language — Uses mucmonic to represent instructions in a more human-readable way

Higher-level language - Allows programmer to express an operation close to their intention.

compiler - "compiler" / converts a high-level language to machine code

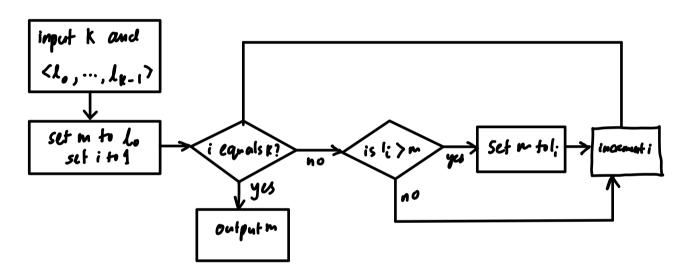
Computational problems:

- · Problems that can be solved she p-by-shep by the computer
- · they must have well-defined inputs, outputs, constraints and conditions that need to be satisfied.

Types of problems

- · decision problem (y/n)
- · Scarch problem
- · Counting problem (# of solutions)
- · optimization problem (but possible solution)

Algorithm - Sct of skys a compute con take to solve a problem Flunchart representation of an algorithm



Humework

- · Post-Ic dun diagnostic quiz (duc on Wednesday)
- · Problem set 1.1 to 1.3 (duc on Week 3)
- ·Read the policies
- · Setup account