What to Study for Exam #2!
Yes, there will be Multiple Choice!

What is on the test?

The following topics WILL be included AND THIS IS NOT AN COMPLETE LIST!

Interpreting Logic Gates
> Know, AND, OR and NOT gates
> Give input values be able to evaluate the output of a circuit

From Logic Gates to Logic Statements/sentences
> Given a circuit, what logic sentence represents that circuit.

What is an algorithm?
Building a Binary Adder
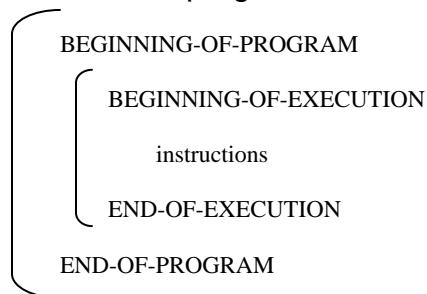Intellectual Property and Computer Ethics
Karel the Robot
> Karel & the primitive world (Chapter 1)
> Definitions from Karel's world such as: Execute, Compile, Program etc.
> Program Organization: (Chapter 2)
>> How is a Karel program organized?
>> What is Karel's program structure?

BEGINNING-OF-PROGRAM

    BEGINNING-OF-EXECUTION

        instructions

    END-OF-EXECUTION

END-OF-PROGRAM

> Syntax, punctuation etc.
> Programming and Error correction
> Defining new instructions (Chapter 3)
>> Using Begin/End
> Iterate Command
> If/Then/Else structure (Chapter 4)

What will the test look like?

There are multiple choice questions. (Karel and other topics)
There are short answer questions. (Mostly Karel)
There are two questions asking to evaluate a circuit given different input values.
There is one circuit for which you are asked to write the logic sentence the circuit
    represents.
Given a sample world and a program find the errors in the program.
Given a sample world and a program you will be asked questions about both the world
and the program. Some questions ask you to write small segments of code.