

## EECS Discussion Week4

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## Midterm


- Exam sheets will be available to you to review in lab sessions.
- If there is any question about the exam, let's discuss it in the lab or after the discussion sessions.

- Augmented assignment operators
  - +=, -=, \*=, /=, %=, <<=, >>=, |=, &=
- C provides special operators
  - Increment operator:++
    - count++ post-increment
    - ++count pre-increment
  - Decrement operator:--
    - count-- post-decrement
    - --count pre-decrement
  - *pre- increment/decrement*
    - *Value returned is the incremented/decremented(new) value*
  - *post- increment/decrement*
    - *Value returned is the original (old) value*

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- Repetition statement
- – repeated execution of a block of statements
  - counter-controlled
    - counter determines number of repetitions (often predefined at compile time)
  - sentinel-controlled
    - sentinel condition determines number of repetitions (usually determined at run time)
- while ( condition)
  - {
  - loop body
  - }


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- Formatted output:
  - Slides of Lecture 9

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## Assignment 5



- Part 1: Rabbit Ecosystem and Demography
  - For each iteration oldvalue = newvalue;
- Part2: Guess the Age
  - Use rand() function to generate random ages.

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## Assignment 4

- Part 2: Blackjack Game
  - The rule?
  - The control flow.
  - How to draw a card in computer?
  - How to deal with the Jack, Queen, and King
  - How to deal with Ace (bonus part)

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