

# Performance Concepts

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# Goal

- Measure the relative performance of some PIC micros
  - simulation only
  - Use breakpoints and the stopwatch
  - Assume
    - 4-40 MHz clock for PIC16 and 18
    - 20 – 80 MHz clock for PIC24 (optional)
    - 60 – 100 MHz clock for PIC32 (optional)

# Details

- a. Use Float on an 8-bit micro (sample code provided)
- b. Sine Loop (sample code provided)
- c. printf + float
  - a. Use float to compute and printf to display the result