Programming

Selection Homework 2

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Problem #1: Find the Maximum of 10

- Read 10 integers, then find which of them has the biggest value, and print it
- Example input:
  - 1 67 -9 88 -45 129 90 65 77 34 ⇒ **129**
- Restriction: avoid defining 10 separate integer variables to do this. Try to use a maximum of TWO integer variables!
  - If this constraint is a little difficult; code it as you wish

Problem #2: Find Maximum up to 10

- Read an integer N (2 <= N <= 10)
- Then read in N integers. Find which one of them has the biggest value, and print it
- Input:
  - *5* **1 3 2 4 2** ⇒ 4
    - *5* means we read in 5 integers
    - Then we read them [**1 3 2 4 2**]. From those 5 integers, the maximum value is 4
  - *10* **1 67 -9 88 -45 129 90 65 77 34** ⇒ 129
    - Similar to the last homework. This time we are given the first N (10)

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."