**60-266 Lab 7**

NAME: STUDENT NUMBER:

OBJECTIVES:

1. To check CPU Flags to determine the result of arithmetic operations
2. To learn to use conditional branching

**Problem**: Declare and initialize an array of signed doubleword integers. Find the maximum value in the array, store it in a variable maxval and display it on the screen.

**Hints**:

* Store current maximum value in eax.
* Check each array element and compare with eax.
* If necessary update eax.
* After checking all array elements, eax will contain maximum value.