**COMP100 (Section -008) - Programming -1 (Fall 2024)**

**Final Assignment – Part 1**

Prompt for your First Name, Prompt for your last two digits of your Student Number.

Display the entered number is Odd or Even.

Perform a search operation in an integer array.

**Refer the sample execution and write the C# code to produce the output.**

Enter your First Name: Simon

Enter the last two digits of your Student Number: 15

Hi Simon, the entered number is an odd number.

This program will perform search operation in an Integer array:

Enter the array count: 5

Enter 5 values to the array:

Enter array element 1: 12

Enter array element 2: 25

Enter array element 3: 19

Enter array element 4: 43

Enter array element 5: 36

Enter the number to be searched: 25

Number 25 is found in the array at position 2.

Do you want to do search again(Y/N): Y

Enter the number to be searched: 20

Number 20 is not found in the array.

Do you want to do search again(Y/N): N

Thank you, Simon, Part 1 of Final Assignment is done, best wishes for your Part 2.

**Evaluation:**

**C# Code : 80%**

**Output : 20%**