Winter 2023
COMP 8567
Lab 1

Part A

- Write a C program to dynamically create an array of *n* integers using *malloc()*. The user inputs the value of *n* and all the elements of the array.
- Print the contents of the array in the reverse order using <u>dereferencing only</u>.

Part B

- Write a C program that invokes a function **prod (min, max, &num1, &num2, &num3)** and prints the return value.
    - num1,num2 and num3 are integers initialized with random values.
    - int min(int *n1,int *n2, int *n3) //returns the smallest value of num1,num2 and num2
    - int max(int *n1,int *n2,int *n3) //returns the largest value of num1,num2 and num3
    - int prod (min, max, int * n1, int * n2, int *n3) // returns the <u>product of the return values</u> of the min and max functions.

Submission:

- **Submit two files**: lab1a.c and lab1b.c