

### 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 dereferencing only.

### 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 product of the return values of the min and max functions.

### Submission:

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