

Learning pointers and dynamic arrays.

`duplicate()` - Duplicates the content of a dynamic array. Takes a pointer to a dynamic array of integers as the first argument and the size of the dynamic array as the second argument. It returns a pointer to a new dynamic array that contains two copies of each and every element in the dynamic array whose address is passed as the first argument.

`generate()` - Takes an unsigned integer `n` as its argument, creates a dynamic array of `n` random integers and returns a pointer to the dynamic array. `cstdlib` library is used to generate random integers.

`display()` - Displays the content of a dynamic array of integers on screen. Function `display` takes a pointer to a dynamic array of integers as the first argument and the size of the dynamic array as the second argument. The function displays 8 integers per line except that the last line may have less than 8 integers.