This simple program helps work with an Array. It takes option (‘1’ – ‘9’, ‘q’ and ‘c’) and makes changes to the array or prints in wanted order.

Options:

‘1’ – Print whole array.

‘2’ – Print sum of all values of the array.

‘3’ – Print average of all values of the array.

‘4’ – Print the largest value of the array.

‘5’ - Print the smallest value of the array.

‘6’ - Print number of occurrences of values in the array

‘7’ – Ask user scale factor and then multiples each value by scale factor.

‘8’ – Reverse the array.

‘9’ – Assigns zero to the smallest value.

‘q’ – Quit the program.

‘c’ – Clears screen.

Methods:

show\_menu – Does not take any arguments and does not return anything. Prints menu.

smalest\_foo – Returns int element, takes int array and int size of an array. Returns the smallest element of an array.

sum\_of\_arr - Returns int element, takes int array and int size of an array. Returns sum of values of an array.