Assignment for Functions and Array

1. Write a C program to input two numbers from user and add them. Use different functions for different functionalities.
2. Write a C program to find the largest and smallest elements in an array of integers. The size of the array and the elements should be input by the user.
3. Write a C program to calculate the average of `n` integers stored in an array. The size of the array and the elements should be provided by the user.
4. Write a C program to reverse the elements of an array. The size of the array and the elements should be provided by the user.
5. Write a C program to input a single character from user also printing it on screen. (use getchar and putchar functions)
6. Write a C program to show the use of gets and puts functions by taking a string from user's end.
7. Write a C program to get a person's height and weight and calculate their BMI.
8. Write a C program to find the length of a given string without using the `strlen` function. The string should be input by the user.