**LAB 8**

1. Write a C function that swaps the values of two integer numbers.
2. Write a C function that computes the number of negative numbers in an integer array with size 10.
3. Write a C function that computes the number of negative numbers, positive numbers and zeros in an integer array with size 10.
4. Write a C function that determines the exact and decimal parts of a non-negative real number. By using a double array A, stores the exact and decimal parts of A into an integer arrays B and a double array C, respectively.

Ex: A= [1.2 1.5 0.4 1.5 0.4 10.45 0.3435 …]

B= [1 1 0 1 0 10 0 …]

C= [0.2 0.5 0.4 0.5 0.4 0.45 0.3435 …]

1. Write your strlen() function which computes the length of a string.
2. Write your strcat(char \*A, char \*B) function which append B at the end of A. (You can use strlen func.)
3. Write a C function that determines whether or not two strings are same.
4. Store sentences that end with points in a string and store a word in another string. Then, write a function that determines whether or not the word in the sentence or not.
5. Store sentences that end with points in a string and store a word in another string. Then, write a function that computes the number of this word in the sentence.