Lab exercise

Note: we will discuss all the question on **Thursday** after your Christmas break.

Strings:

1. Write 5 functions of string under string.h other than that mentioned in the slide. explain it with example.

2. Ask a word from the user and reverse it.

3. ask a word from the user and find if its palindrome.

4. ask 10 students name from the user and find out if its repeating.

5.ask a sentence from the user and find out how many words are there.

Array:

1. Ask a 3\*3 matrix from the user. Find the average of each rows.
2. Ask a 2\*3 matrix from user and display in 3\*2 form.
3. Take two matrix . add it and display on the third matrix.
4. Take two matrix . multiply it and display on the third matrix.
5. Take 3\*3 matrix, show the diagonal sum – both left and right diagonal.
6. Take 3\*3 matrix, show the diagonal multiplication – both left and right diagonal.