CmpE 150 - Week 11

Section - 02

Reading Strings

- The scanf() function reads the sequence of characters until it encounters a whitespace(space, newline, tab etc.).
- You can use gets() function to read a line of string. And, you can use puts() to display the string.
- **SAFER:** fgets(char *s, int n, FILE *stream)
  - Read at most n-1 characters into s from stream.

Strings

- A string is actually a char array
- A string is a series of characters treated as a single unit
- A string may include letters, digits and various special characters such as +, -, *, / and $.
- "Written in double quotation."
- A string in C is an array of characters ending in the null character ('\0').

```c
char color[] = "blue";
char color[] = { 'b', 'l', 'u', 'e', '\0' };
```