**Array and String**

* Array – collection of items of similar data types and stored at continuous memory location .
* Easy access to all the elements.
* Sorting and traversal is easy in array.
* But array is not dynamic.
* Insertion and deletion is costly.
* Void and function does not have array.
* But we can make array of void pointers and functions pointers.
* Arrays are always passed as pointer to the functions.
* Array parameters are treated as pointers because of efficiency.
* Sizeoff() should not be used with array to find the length of array.
* The variable sized array cannot be initialized in c.
* While initializing multidimensional array , lest most initialization is optional and rest are compolsary. Ex. arr[][2].
* When a string is assigned to a pointer it is stored in read only form.
* Strdup() and strndup()– used to duplicate the string.
* Strpbrk() – it finds the first character in s1 that matches any character in s2.
* Strcoll() – it compares two strings and return less than 0 if s1 is less than s2 and vice versa.
* The **ispunct()** function checks whether a character is a punctuation character or not.
* The **strspn()** function returns the length of the initial substring of the string pointed to by *str1* that is made up of only those character contained in the string pointed to by *str2*.