

Strings in C

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Arrays

Recall that arrays are just groupings of variables of the same type in C. Strings are implemented in C using character arrays. It can be tedious ,but just remember that a string is an array of characters with a NULL termination.

String Functions

strlen() Calculates the length of a string.

strcpy() Copies a string to another string.

strcmp() Compares two strings: returns 0 if equal negative if first unmatched character is less than second. Positive integer if first unmatched greater than the second.

char *strtok(char *str, const char *delim) Splits a string at a delimiter

char *strcat(char *dest, const char *src) Concatenates two strings together.

^ The above functions are part of `string.h`.

gets() Get string from stdin.

puts() Prints a string to stdout.