ARTEMIS LIB

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STRING

a_len_to_char

a_len_to_char take two parameters a string and a character it return the len to the first appearances of the character.

eg.
a_len_to_char(“Hello world!”, ‘o’);
return 4;

a_strcat

a_strcat take two strings in parameter it return the concatenation of the two string. The memory space for the new string is already allocate.

eg.
char *string = a_len_to_char(“Hello”, “ world!”);
string is equal to “Hello world!”;

STRING

a_strcmp

a_strcmp take two strings in parameter it return t0 if the two string are strictly equal, else it return the ASCII difference between the first different character.

eg.
a_strcmp(“Hello”, “Hello”);
return 0;

a_strcmp(“Hello”, “Hella”);
return 14;

a_strlen

a_strlen take one string it return it’s length.

eg.
a_strlen(“Hello world!”);
return 12;

STRING

a_trim

a_trim take one string and return the same string without space before first character.

eg.
a_trim(“ Hello world!”);
return “Hello world!”;

MATH

- a_abs
- a_pow
- a_sqrt

MATH

a_abs

a_abs take a integer and return in’s absolute value.

eg.
a_abs(8);
return 8;

a_abs(-8);
return 8;

a_power

a_power take two integer and return the first number elevate to the the second.

eg.
a_pow(2, 4);
return 16;

a_pow(3, 3);

return 9;

MATH

a_sqrt

a_sqrt take one integer and return it’s square root.

eg.
a_pow(16);
return 4;

a_sqrt(9);
return 3;