unsigned char

[Data Types]

Description

An unsigned data type that occupies 1 byte of memory. Same as the [byte](https://www.arduino.cc/reference/en/language/variables/data-types/byte) datatype.

The unsigned char datatype encodes numbers from 0 to 255.

For consistency of Arduino programming style, the [byte](https://www.arduino.cc/reference/en/language/variables/data-types/byte) data type is to be preferred.

Syntax

unsigned char var = val;

Parameters

var: variable name.  
val: the value to assign to that variable.

Example Code

unsigned char myChar = 240;