Qt6 C++ Course

What is QLCDNumber

QLCDNumber class can display a number in just about any size. It can display decimal, hexadecimal, octal or binary numbers. It is easy to connect to data sources using the display() slot, which is overloaded to take any of five argument types. and there are different methods that you can use in QLCDNumber class, for example we have setMode() which is used to change the base of the numbers, we have display method which is used to supply data in LCD digit format, and also we have value() method which returns the numerical value displayed by the LCDNumber widgets

These are some methods for LCDNumber.

- setMode(): This method is used to change the base of the numbers. Available options are as follows:

1. Hex: This option is used to display hexadecimal digits
2. Dec: This option is used to display decimal digits
3. Oct: This option is used to display octal digits
4. Bin: This option is used to display binary digits

- display(): This method is used to display the supplied data in LCD digit format.

- value(): This method returns the numerical value displayed by the LCD Number widget.

In here we are going to show our system clock using QLCDNumber, for that we will also use Timer class, it is related to QtCore module. Timers are used for performing repetitive tasks. A timer is an instance of the QTimer class. The task to be repeated needs to be written in a method and that method, in turn, is method and that method, in turn, is invoked via the timeout() signal of the QTimer instance.