

<b>ID</b>	...	<b>Creation date</b>	3 January 2008
<b>Platform</b>	S60 3rd Edition, S60 5th Edition	<b>Tested on devices</b>	Emulator (5th edition)
<b>Category</b>	Qt for Symbian	<b>Subcategory</b>	Display information

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**Reviewer Approved**



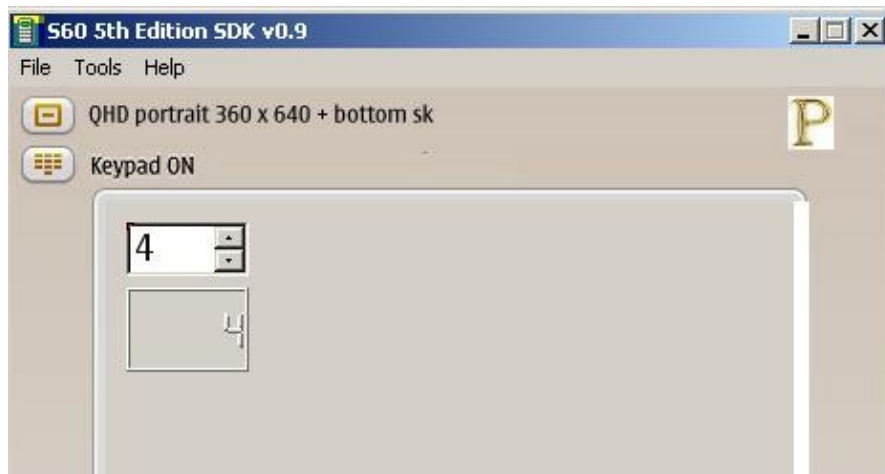
## Introduction

This article shows the use of LCD number to display some number. For example it can be use to display a score while designing a game.

## Various Functions

- This line create a object of the LCDNumber.

```
QLCDNumber* number = new QLCDNumber(this);
```



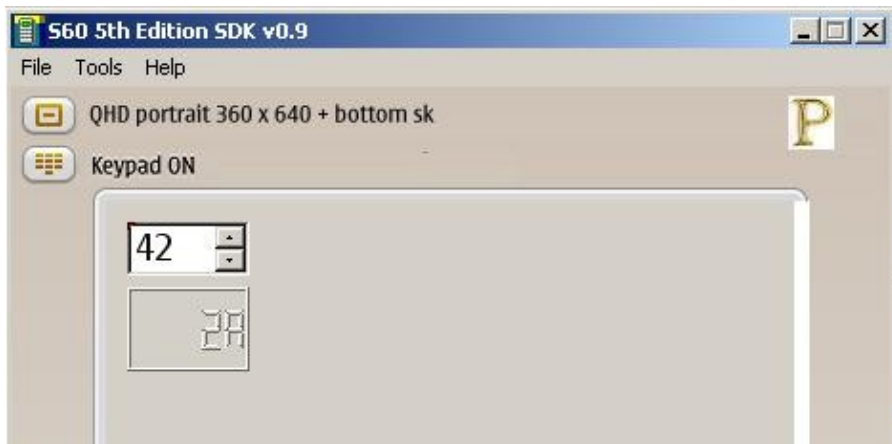
- To specify the segment display style of the LCD number. Qt support the three different filled style i.e. Filled, Outline and Flat.

```
number->setSegmentStyle(QLCDNumber::Filled);
```



- To specify the number of LCD digits that would be display. This function specify the mode of the LCD. Various supported modes are Hex, Dec, Bin and Oct.

```
number->setMode(QLCDNumber::Hex);
```



## Related Link

- Check this [digital clock](#) example that shows the use of the QLCDNumber.
- Read more about [QLCDNumber](#)
- [Download Lcdnumber.zip](#)

## Source Code

### Header file

```
#ifndef LCDNUMBER_H  
#define LCDNUMBER_H
```

Various Functions

## How\_to\_use\_QLCDNumber\_in\_Qt\_for\_Symbian

```
#include <QWidget>
#include <QLCDNumber>
#include <QSpinBox>
#include <QVBoxLayout>

class lcdnumber : public QWidget
{
    Q_OBJECT

public:
    lcdnumber(QWidget *parent = 0);
    ~lcdnumber();
private:
    QVBoxLayout* layout;
    QLCDNumber* number;
    QSpinBox* spin;

};

#endif // LCDNUMBER_H
```

### Source file

```
#include "lcdnumber.h"

lcdnumber::lcdnumber(QWidget *parent)
    : QWidget(parent)
{
    setWindowTitle("LCD Number");
    layout = new QVBoxLayout(this);
    number = new QLCDNumber(this);
    spin = new QSpinBox(this);
    spin->setMaximum(9);
    spin->setMinimum(0);

    connect(spin, SIGNAL(valueChanged(int)), number, SLOT(display(int)));
    layout->addWidget(spin, Qt::AlignCenter);

    layout->addWidget(number, Qt::AlignCenter);
    showMaximized;
}

lcdnumber::~~lcdnumber()
{
}

}
```

### Screenshot

# How\_to\_use\_QLCDNumber\_in\_Qt\_for\_Symbian

