

Adding menu Functionality - Method to be added in the Ui_MainWindow class

Note: When using this code in our script, make sure that the indents appear correctly otherwise you may get an error.

```
def menufunction(self, action):  
    txt= (action.text())  
    no=int(self.t1.text())  
    print (txt, no)  
    if txt == 'Square':  
        self.t2.setText(str(no*no))  
    if txt == 'Cube':  
        self.t2.setText(str(no*no*no))  
    if txt == 'SqrRoot':  
        self.t2.setText(str(math.sqrt(no)))  
    if txt == 'CubeRoot':  
        self.t2.setText(str(math.pow(no,1/3)))
```

Event handler for File Menu - Statement in the setupUI method

```
self.menuFile.triggered[QtWidgets.QAction].connect(self.menufunction)
```

Context Menu - Method to be added in the Ui_MainWindow class

```
def context_menu(MainWindow):  
    menu = QtWidgets.QMenu()  
    menu.addAction("First option")  
    menu.addAction("Second option")  
    menu.addAction(":)")  
    menu.exec_(QtGui.QCursor.pos())
```