2022년 IoT기반 스마트 솔루션 개발자 양성과정

Programming : Python

6-Multi Form

담당 교수 : 윤 종 이
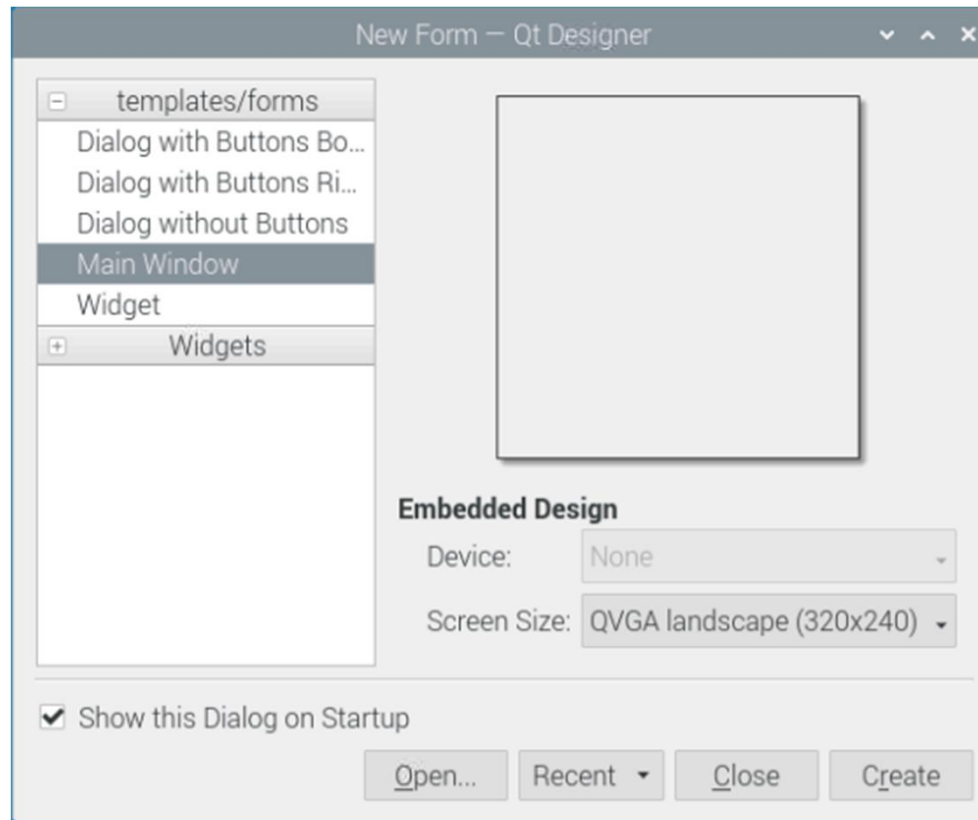010-9577-1696
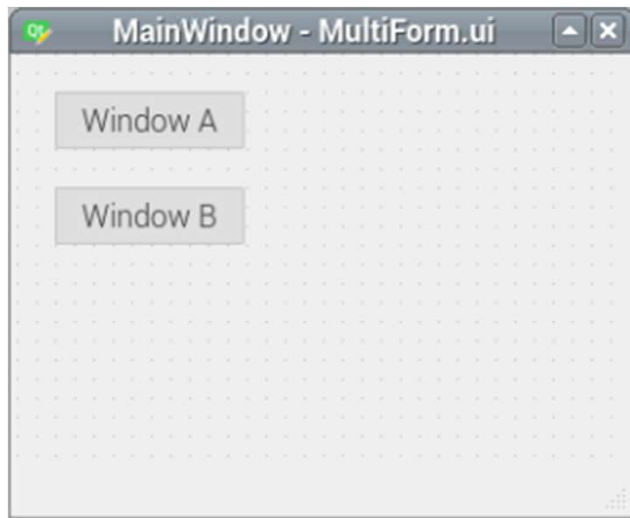ojo1696@naver.com
https://cafe.naver.com/yoons2022

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New Form – Qt Designer

MainWindow

QMainWindow	
objectName	MainWindow
Font	
pushButton	
objectName	pushButton_1
text	Window A
pushButton	
objectName	pushButton_2
text	Window B

Save as – MultiForm.ui
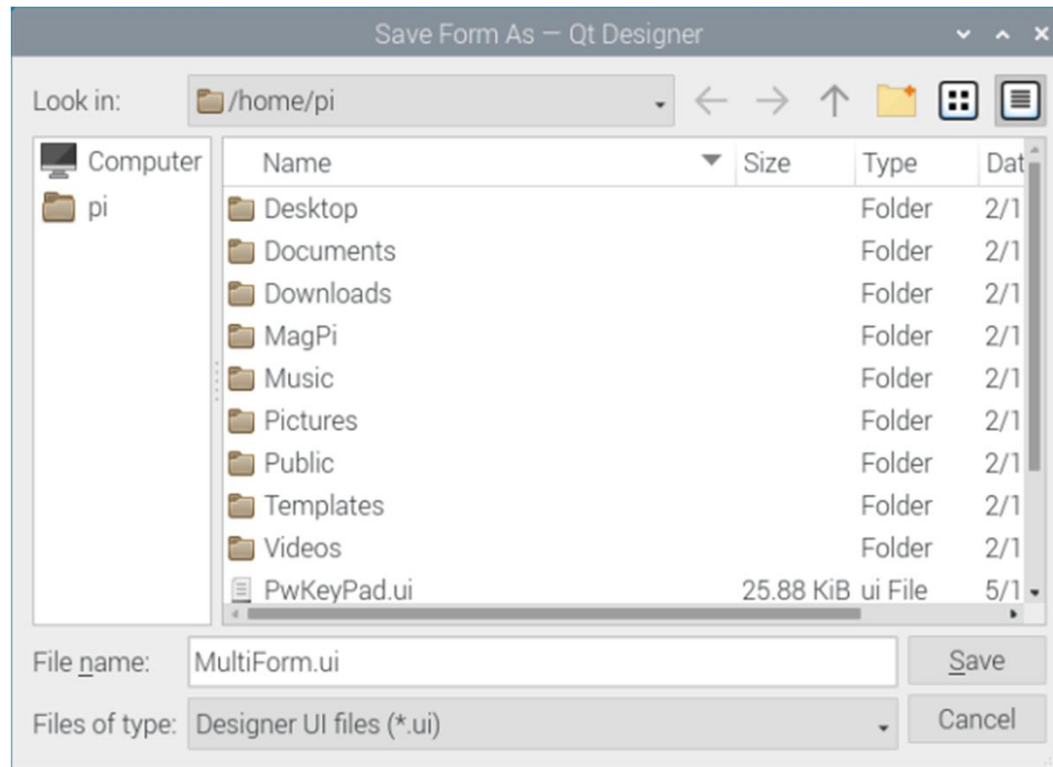
New Form - Dialog
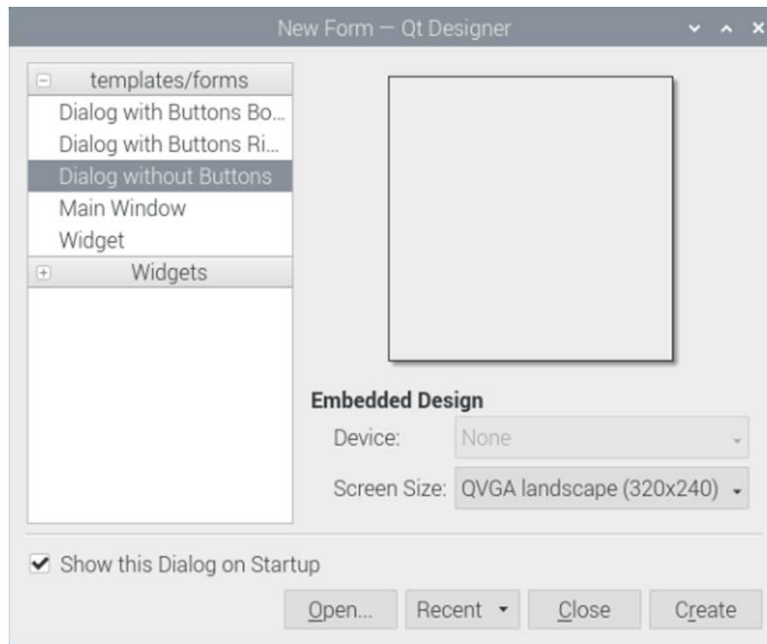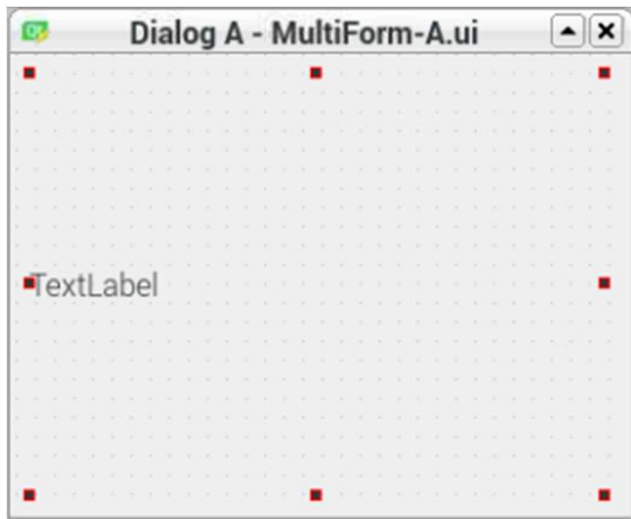
Dialog_A

QDialog	
objectName	Dialog_A
Font	
QLabel	
objectName	label
text	

Save as – MultiForm_A.ui
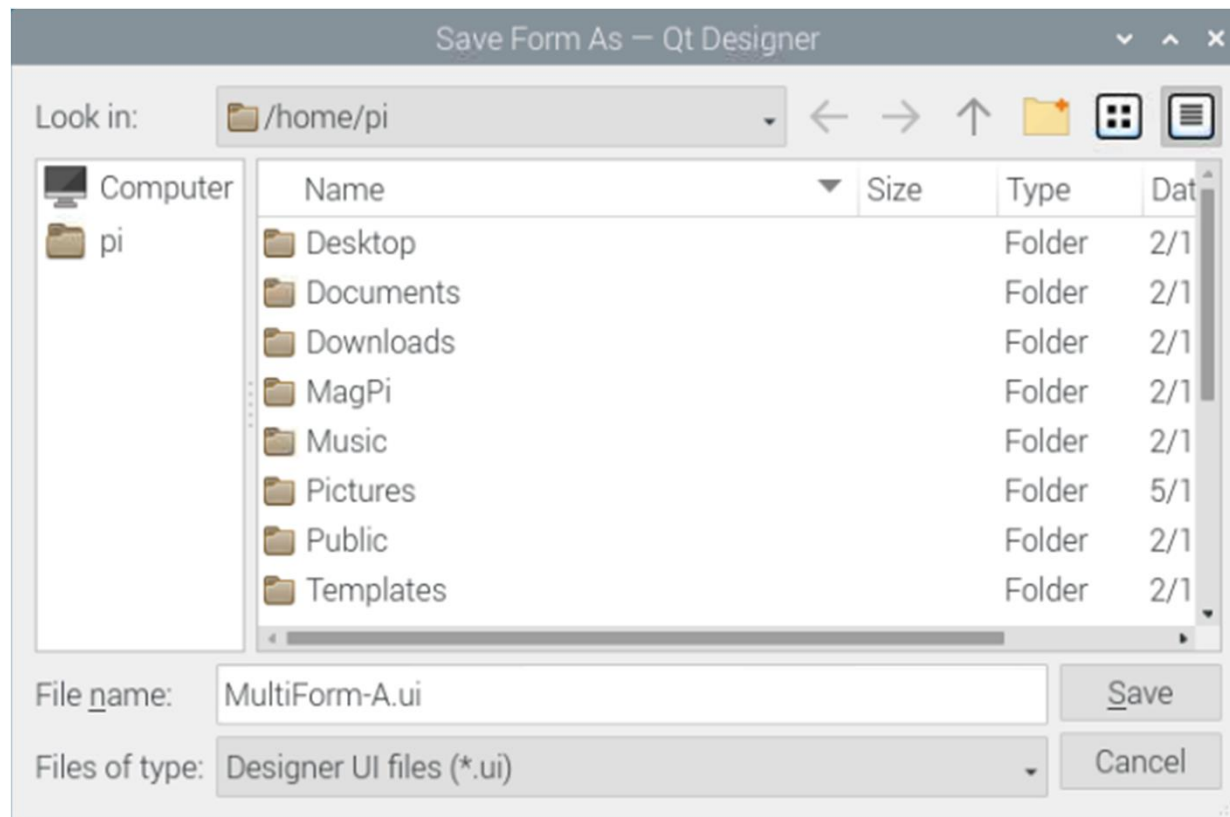
New Form - Dialog
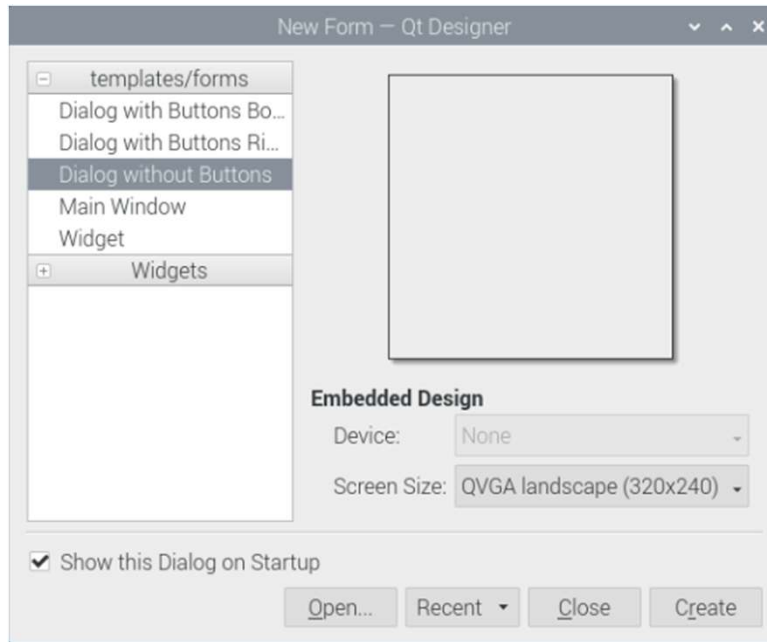
Dialog_B
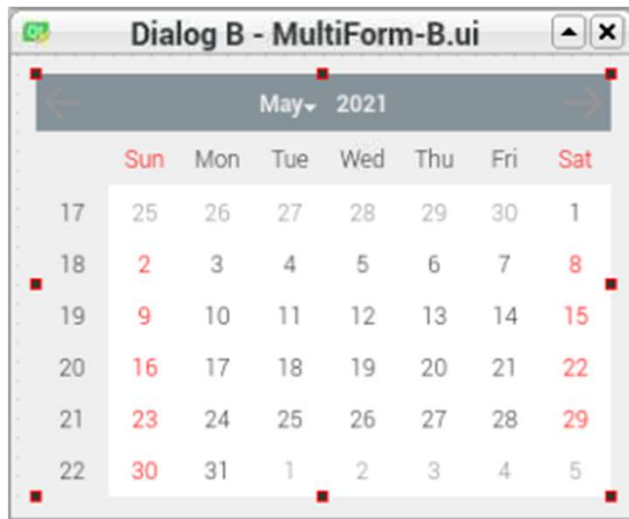
QDialog	
objectName	Dialog_B
Font	
QCalendarWidget	
objectName	calendarWidget
text	

Save as – MultiForm_B.ui
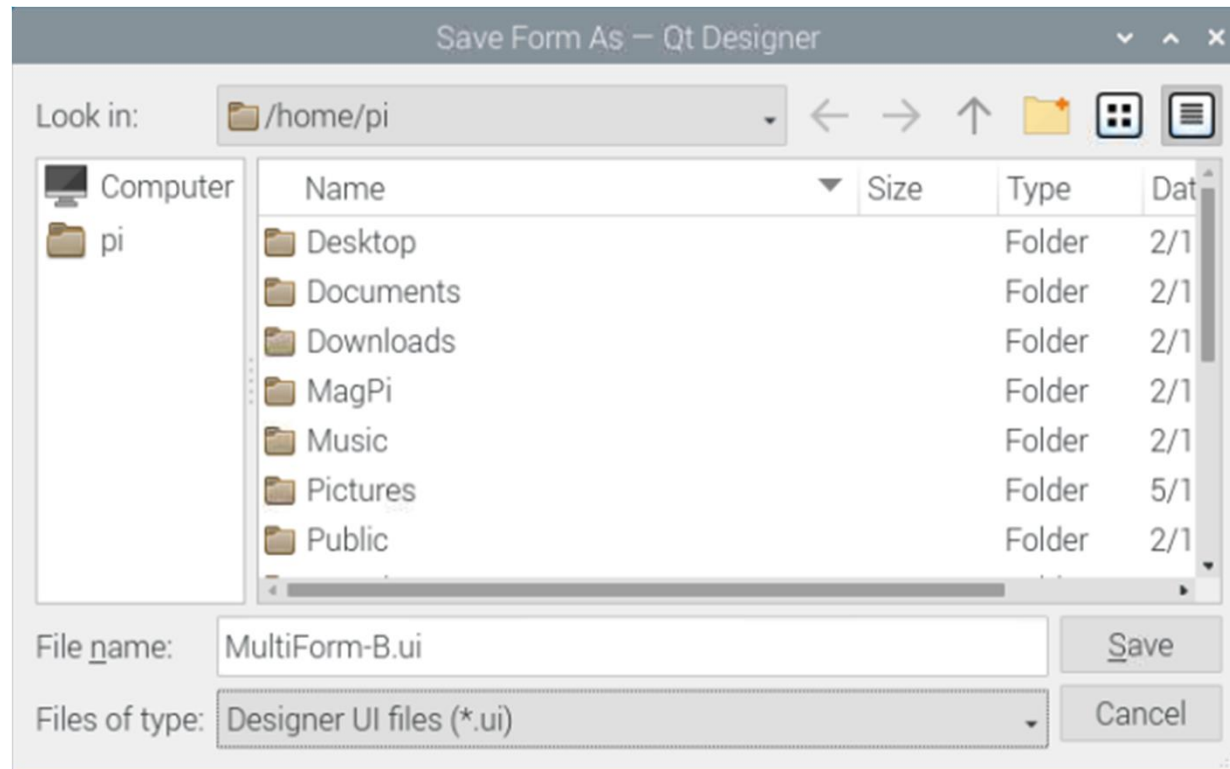
Define & Class Window

```python
1  import sys
2  import PyQt5
3  from PyQt5.QtGui import *
4  from PyQt5.QtCore import *
5  from PyQt5.QtWidgets import *
6  from PyQt5 import uic
7
8  uiWindow='MultiForm.ui'
9  uiDialog_A='MultiForm_A.ui'
10 uiDialog_B='MultiForm_B.ui'
11
12 class MyWindow(QMainWindow):
13     def __init__(self):
14         super().__init__()
15         uic.loadUi(uiWindow,self)
16
17         self.dialog_a=None
18         self.dialog_b=None
19         self.pushButton_1.clicked.connect(self.buttonClick_1)
20         self.pushButton_2.clicked.connect(self.buttonClick_2)
21
22     def buttonClick_1(self):
23         if self.dialog_a is None:
24             self.dialog_a=MyDialog_A()
25         self.dialog_a.show()
26
27     def buttonClick_2(self):
28         if self.dialog_b is None:
29             self.dialog_b=MyDialog_B()
30         self.dialog_b.show()
```
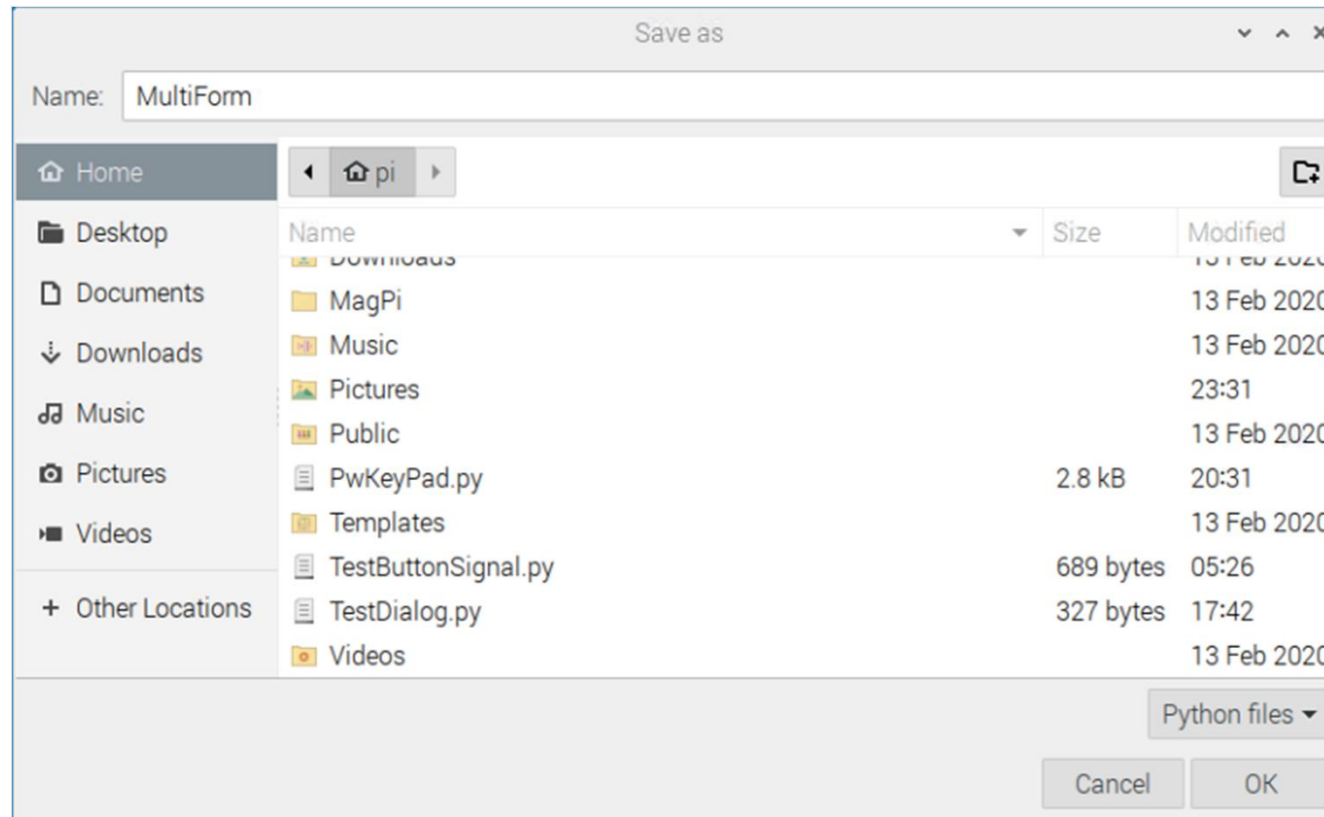
Class Dialog_A,B

```python
class MyDialog_A(QDialog):
    def __init__(self):
        super().__init__()
        uic.loadUi(uiDialog_A,self)

        self.qPixmap=QPixmap()
        self.qPixmap.load('/home/pi/Pictures/Nikolai-Telsa.png')
        self.qPixmap = self.qPixmap.scaledToWidth(322)
        self.label.setPixmap(self.qPixmap)

class MyDialog_B(QDialog):
    def __init__(self):
        super().__init__()
        uic.loadUi(uiDialog_B,self)

if __name__ == '__main__':
    app=QApplication(sys.argv)
    form=MyWindow()
    form.show()
    sys.exit(app.exec())
```

Save as – MultiForm.py

Run