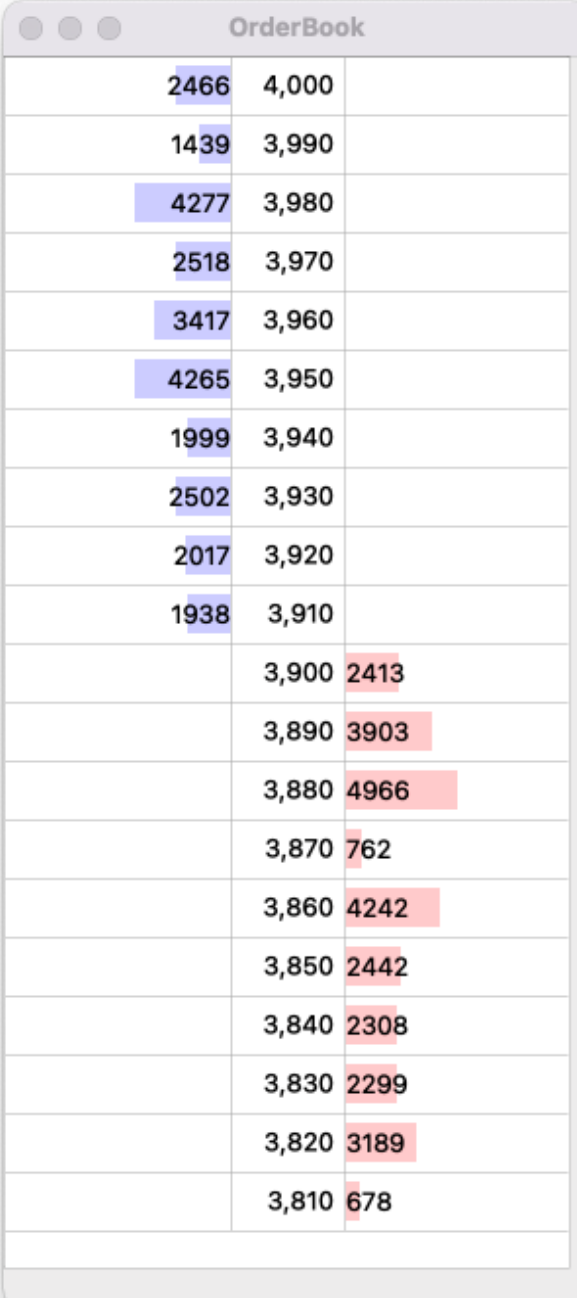


QTableWidget

PyQT를 활용한 GUI 프로그래밍

QTableWidget

- 테이블 형태로 값을 표현할 수 있는 위젯



2466	4,000	
1439	3,990	
4277	3,980	
2518	3,970	
3417	3,960	
4265	3,950	
1999	3,940	
2502	3,930	
2017	3,920	
1938	3,910	
	3,900	2413
	3,890	3903
	3,880	4966
	3,870	762
	3,860	4242
	3,850	2442
	3,840	2308
	3,830	2299
	3,820	3189
	3,810	678

PyQt와 QTableWidgetItem

- 코드에서 QTableWidgetItem 객체를 생성하는 것과 같은 효과

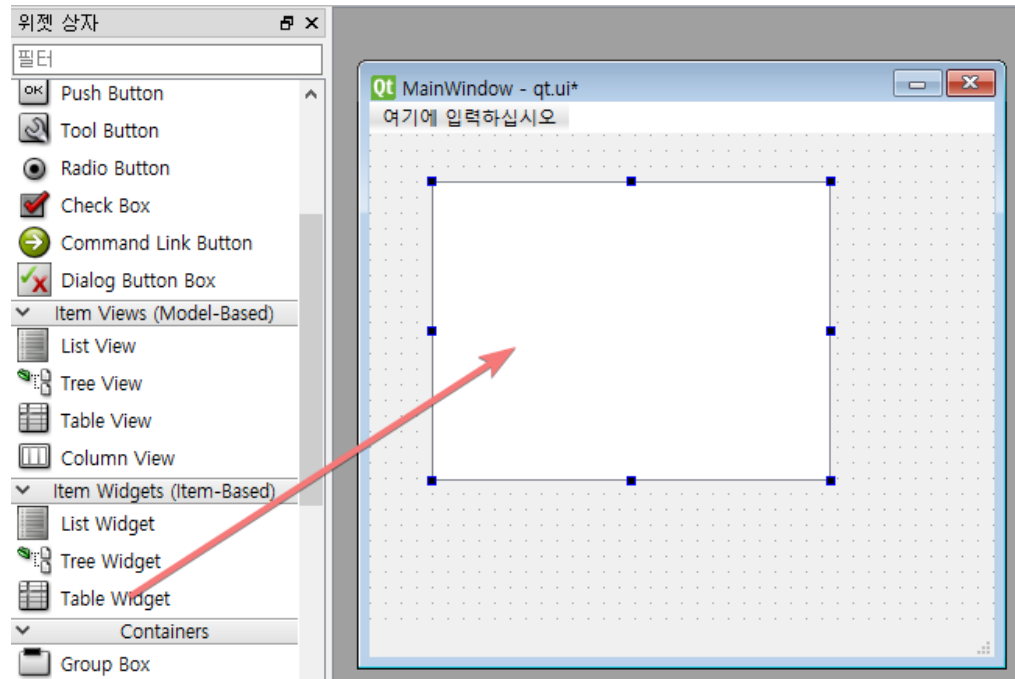


Table Header

- HorizontalHeader와 VerticalHeader

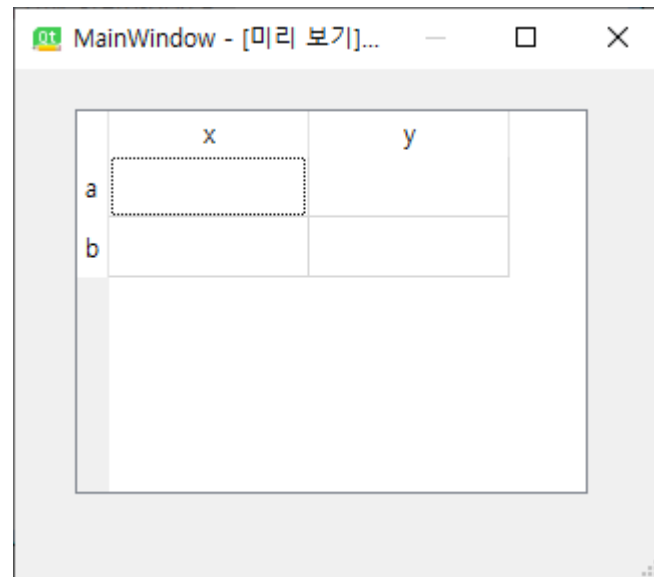
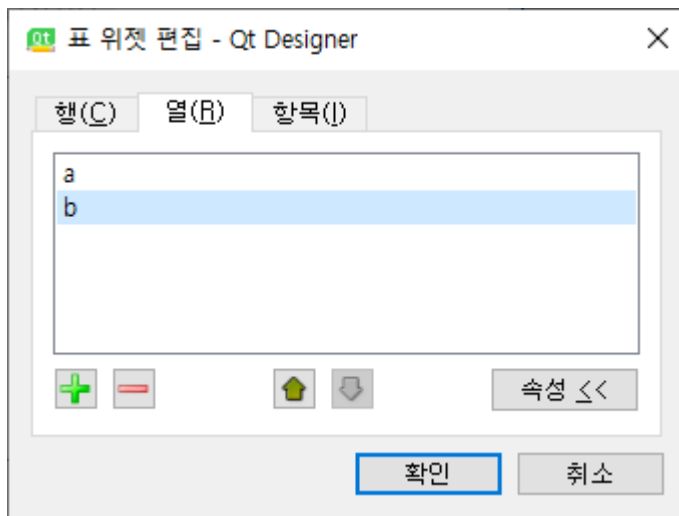
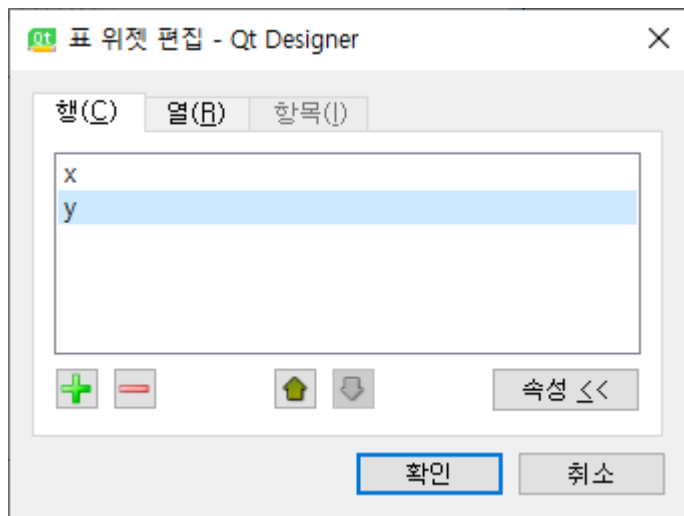
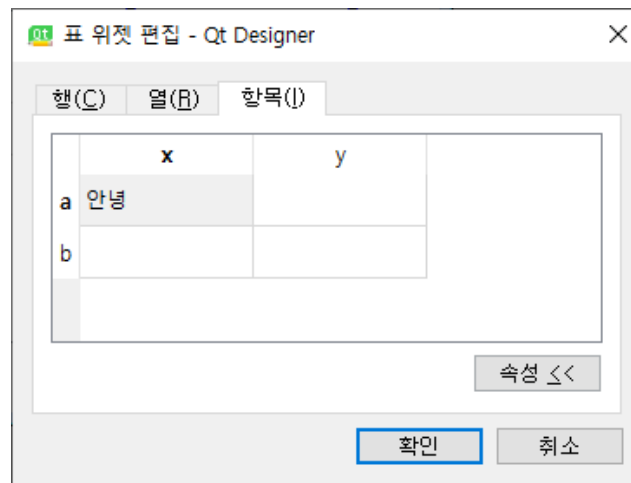
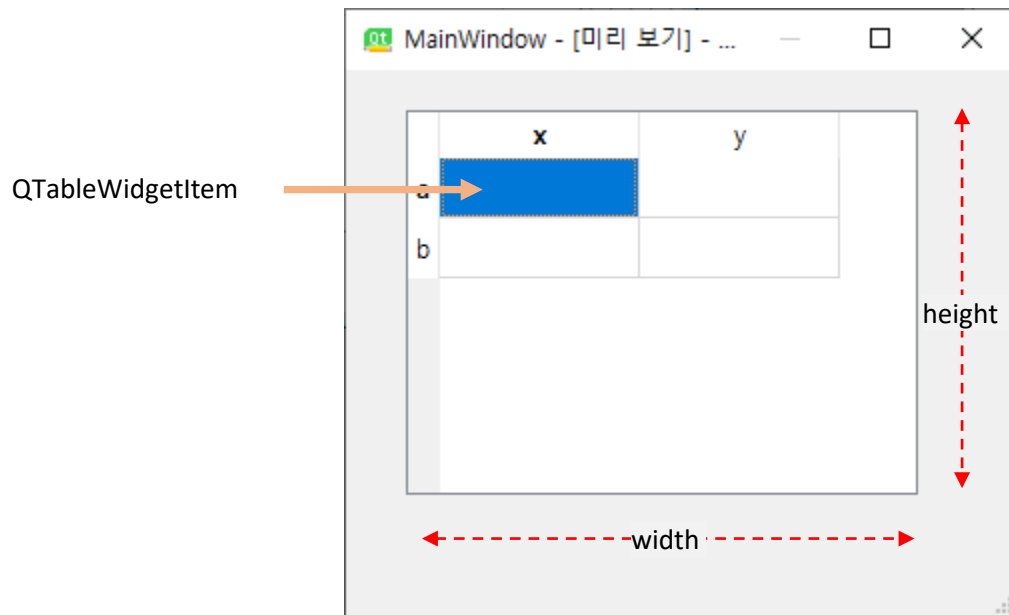


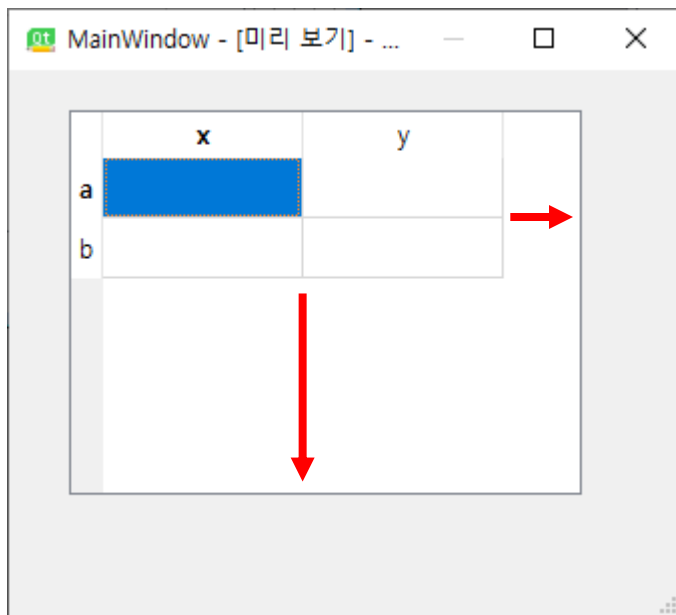
Table Contents

- QWidget 안에 QTableWidgetItem로 데이터를 저장



Contents 크기 조정

- 마지막 컬럼의 크기를 Table 크기로 확장
 - StretchLastSection

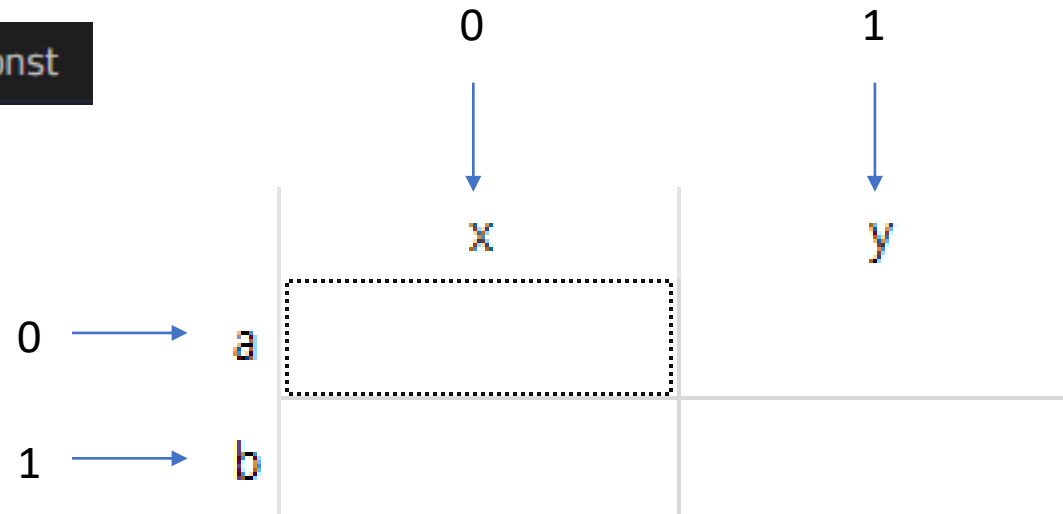


속성 편집기	
필터	
tableWidget : QTableWidgetItem	
속성	값
horizontalHeaderVisible	<input checked="" type="checkbox"/>
horizontalHeaderCascadingSectionRes...	<input type="checkbox"/>
horizontalHeaderDefaultSectionSize	100
horizontalHeaderHighlightSections	<input checked="" type="checkbox"/>
horizontalHeaderMinimumSectionSize	34
horizontalHeaderShowSortIndicator	<input type="checkbox"/>
horizontalHeaderStretchLastSection	<input checked="" type="checkbox"/>
verticalHeaderVisible	<input checked="" type="checkbox"/>
verticalHeaderCascadingSectionResizes	<input type="checkbox"/>
verticalHeaderDefaultSectionSize	30
verticalHeaderHighlightSections	<input checked="" type="checkbox"/>
verticalHeaderMinimumSectionSize	23
verticalHeaderShowSortIndicator	<input type="checkbox"/>
verticalHeaderStretchLastSection	<input type="checkbox"/>

데이터 채우기 (1/2)

- 위치 인덱스를 입력해서 QTableWidgetItem 객체를 반환

```
QTableWidgetItem * item(int row, int column) const
```



데이터 채우기 (2/2)

- QTableWidgetItem의 텍스트 메서드

void	<code>setText(const QString &text)</code>
void	<code>setTextAlignment(int alignment)</code>
void	<code>setToolTip(const QString &toolTip)</code>
void	<code>setWhatsThis(const QString &whatsThis)</code>
QSize	<code>sizeHint() const</code>
QString	<code>statusTip() const</code>
QTableWidgetItem *	<code>tableWidget() const</code>
QString	<code>text() const</code>

클릭 시그널

- 아이템을 클릭하면 이벤트 발생

```
void itemClicked(QTableWidgetItem *item)
```

```
void itemDoubleClicked(QTableWidgetItem *item)
```

연습 문제

- 더블 클릭하면 데이터를 출력하는 코드를 작성하라.

	x	y
a	러닝스폰즈	PyQt
b	화이팅!!	안녕