LAPORAN ACTIVITY

Mata Praktikum	: Algoritma dan Pemrograman 2B
Kelas	: 1IA13
Praktikum ke-	: 7
Tanggal	: 26 MEI 2023
Materi	: QT DESIGNER
NPM	: 51422161
Nama	: Muhammad Tarmidzi Bariq
Ketua Asisten	: Muhammad Wildan Firdausi
Paraf Asisten	:
Nama Asisten	: Muhammad Wildan Firdausi
Jumlah Lembar	: 5 Lembar

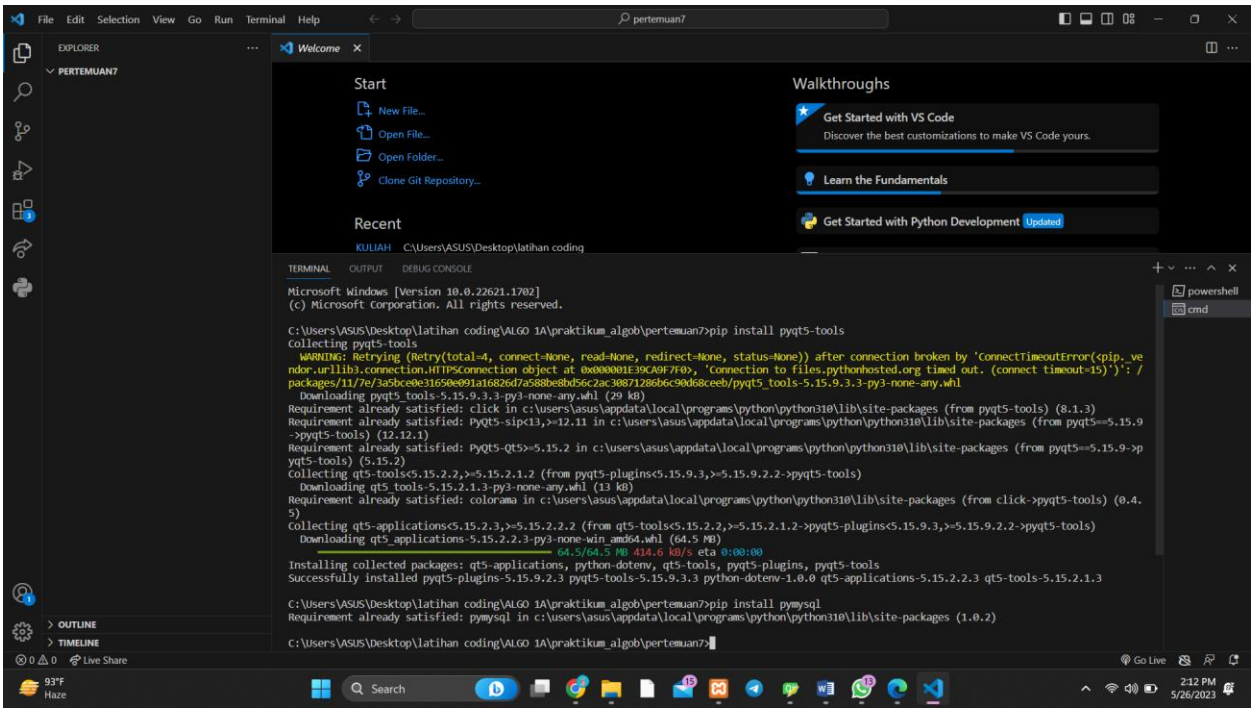
LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

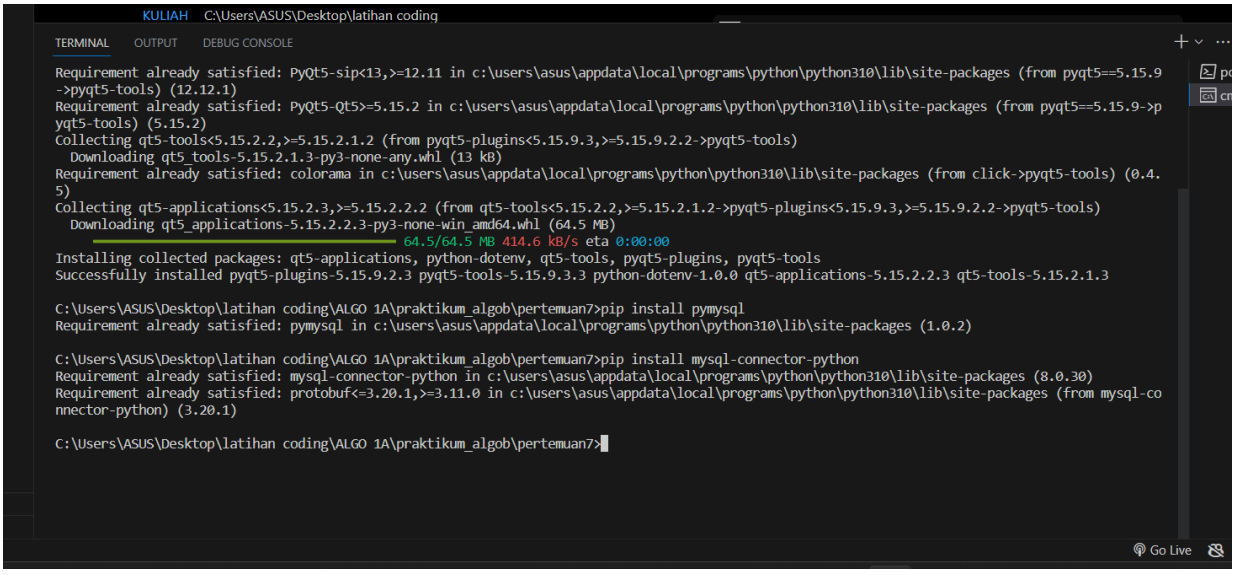
2023

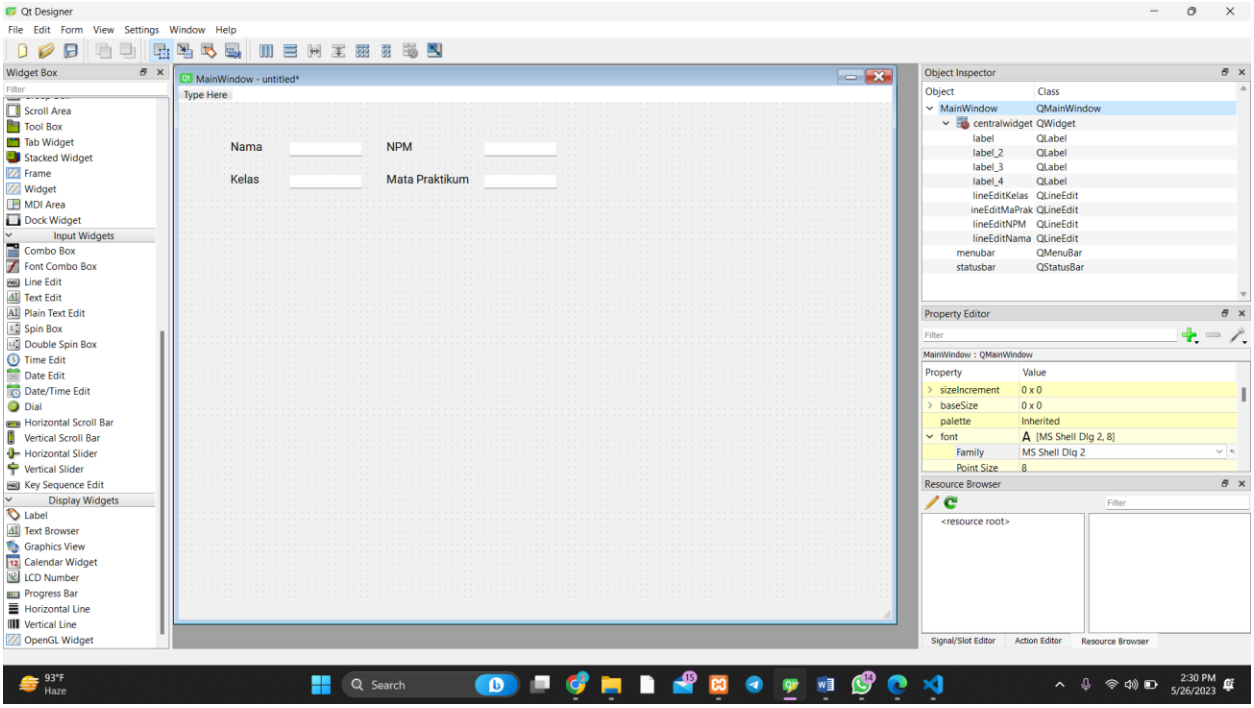
Install pip install pyqt5-tools

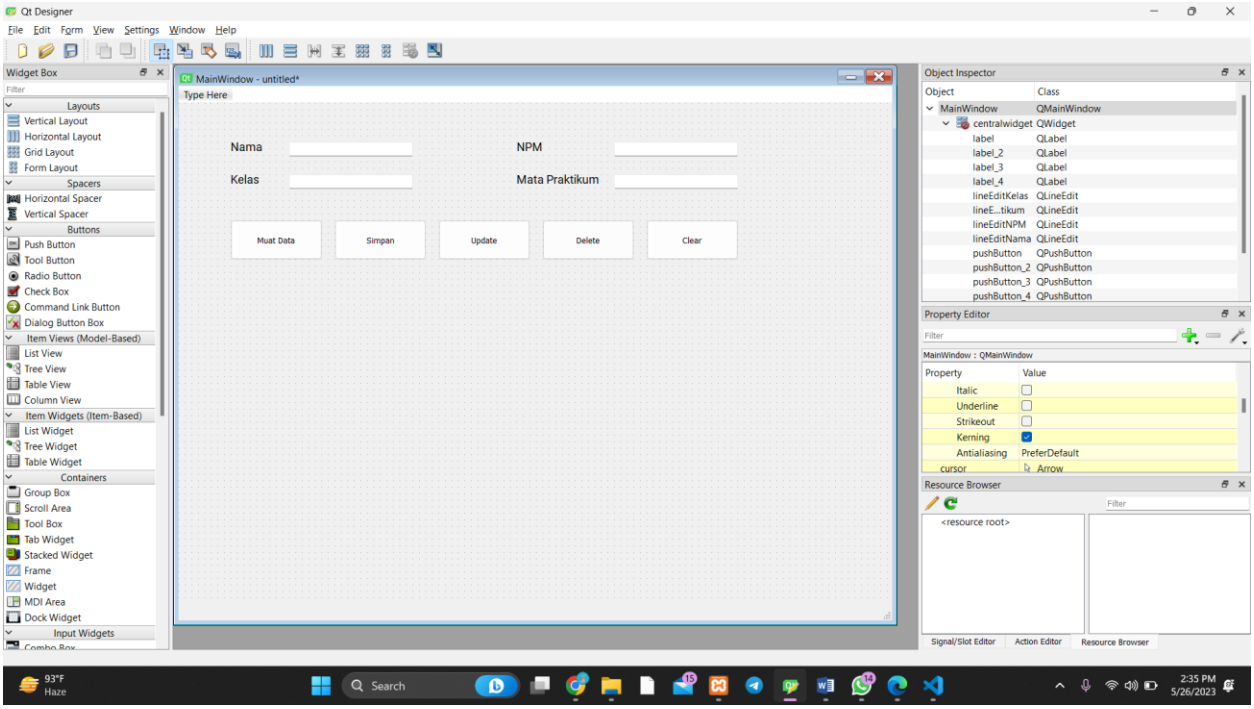
pip install pymysql



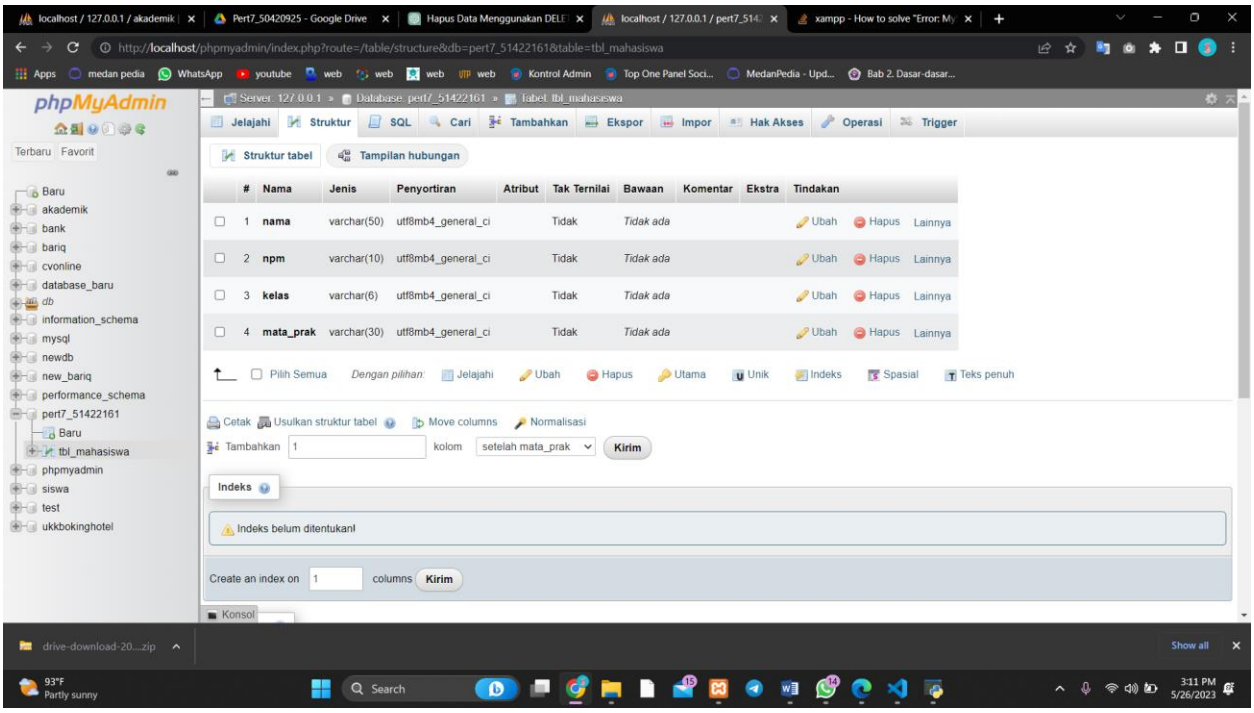
pip install mysql-connector-python



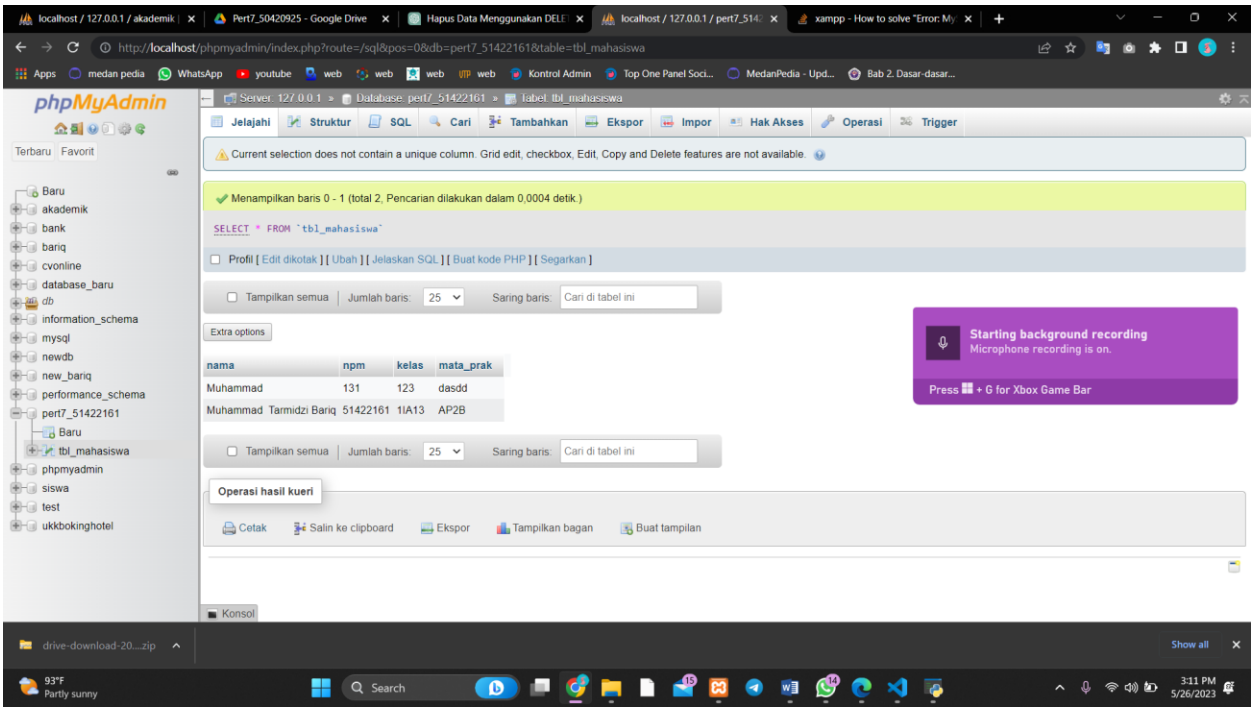

Qt Designer
File Edit Form View Settings Window Help
Widget Box
Scroll Area
Tool Box
Tab Widget
Stacked Widget
Frame
Widget
MDI Area
Dock Widget
Input Widgets
Combo Box
Font Combo Box
Line Edit
Text Edit
Plain Text Edit
Spin Box
Double Spin Box
Time Edit
Date Edit
Date/Time Edit
Dial
Horizontal Scroll Bar
Vertical Scroll Bar
Horizontal Slider
Vertical Slider
Key Sequence Edit
Display Widgets
Label
Text Browser
Graphics View
Calendar Widget
LCD Number
Progress Bar
Horizontal Line
Vertical Line
OpenGL Widget
MainWindow - untitled*
Type Here
Nama
NPM
Kelas
Mata Praktikum
Object Inspector
Object
Class
MainWindow
QMainWindow
centralwidget
QWidget
label
QLabel
label_2
label_3
label_4
lineEditKelas
QLineEdit
ineEditMaPrak
lineEditNPM
lineEditNama
menubar
QMenuBar
statusbar
QStatusBar
Property Editor
MainWindow : QMainWindow
Property
Value
sizeIncrement
0 x 0
baseSize
palette
Inherited
font
[MS Shell Dlg 2, 8]
Family
MS Shell Dlg 2
Point Size
8
Resource Browser
<resource root>
Signal/Slot Editor
Action Editor
Resource Browser
93°F
Haze
Search
2:30 PM
5/26/2023


Qt Designer
File Edit Form View Settings Window Help
Widget Box
Layouts
Vertical Layout
Horizontal Layout
Grid Layout
Form Layout
Spacers
Horizontal Spacer
Vertical Spacer
Buttons
Push Button
Tool Button
Radio Button
Check Box
Command Link Button
Dialog Button Box
Item Views (Model-Based)
List View
Tree View
Table View
Column View
Item Widgets (Item-Based)
List Widget
Tree Widget
Table Widget
Containers
Group Box
Scroll Area
Tool Box
Tab Widget
Stacked Widget
Frame
Widget
MDI Area
Dock Widget
Input Widgets
MainWindow - untitled*
Type Here
Nama
NPM
Kelas
Mata Praktikum
Muat Data
Simpan
Update
Delete
Clear
Object Inspector
Object
Class
MainWindow
QMainWindow
centralwidget
QWidget
label
QLabel
label_2
label_3
label_4
lineEditKelas
QLineEdit
lineE...tikum
lineEditNPM
lineEditNama
pushButton
QPushButton
pushButton_2
pushButton_3
pushButton_4
Property Editor
MainWindow : QMainWindow
Property
Value
Italic
Underline
Strikeout
Kerning
Antialiasing
PreferDefault
cursor
Arrow
Resource Browser
<resource root>
Signal/Slot Editor
Action Editor
Resource Browser
93°F
Haze
Search
2:35 PM
5/26/2023

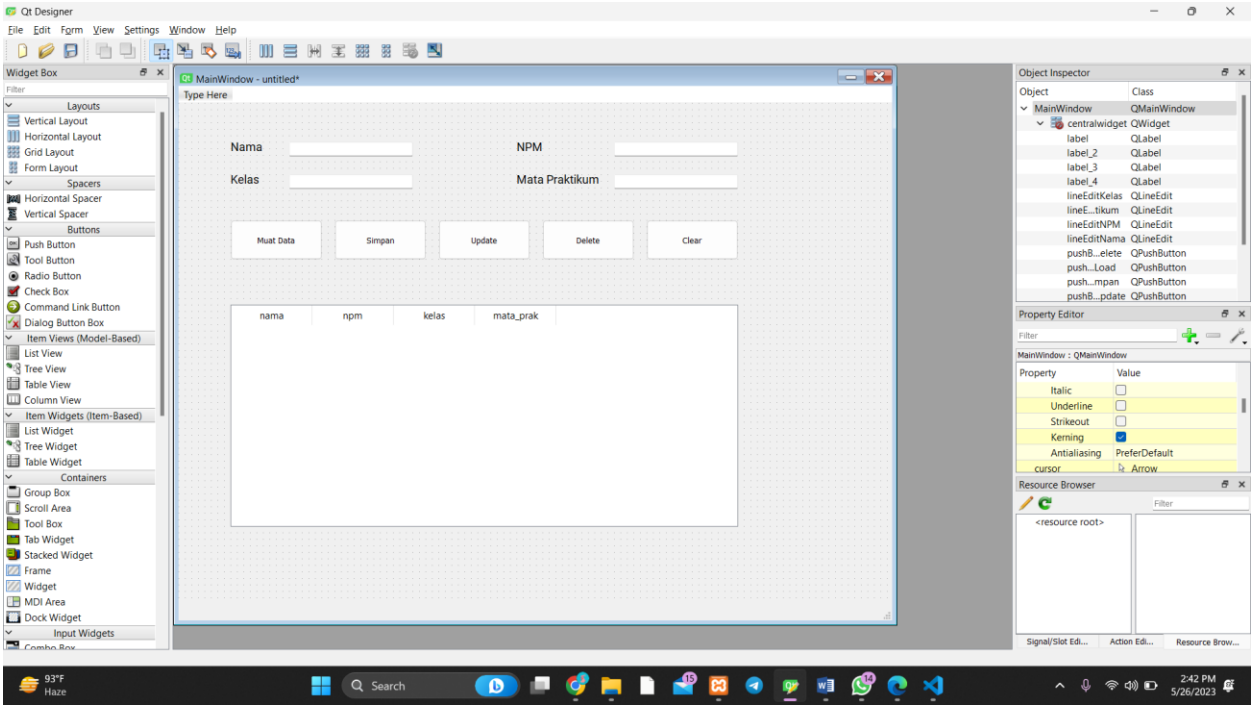
Database pert7_51422161 dan buat table tbl_mahasiswa



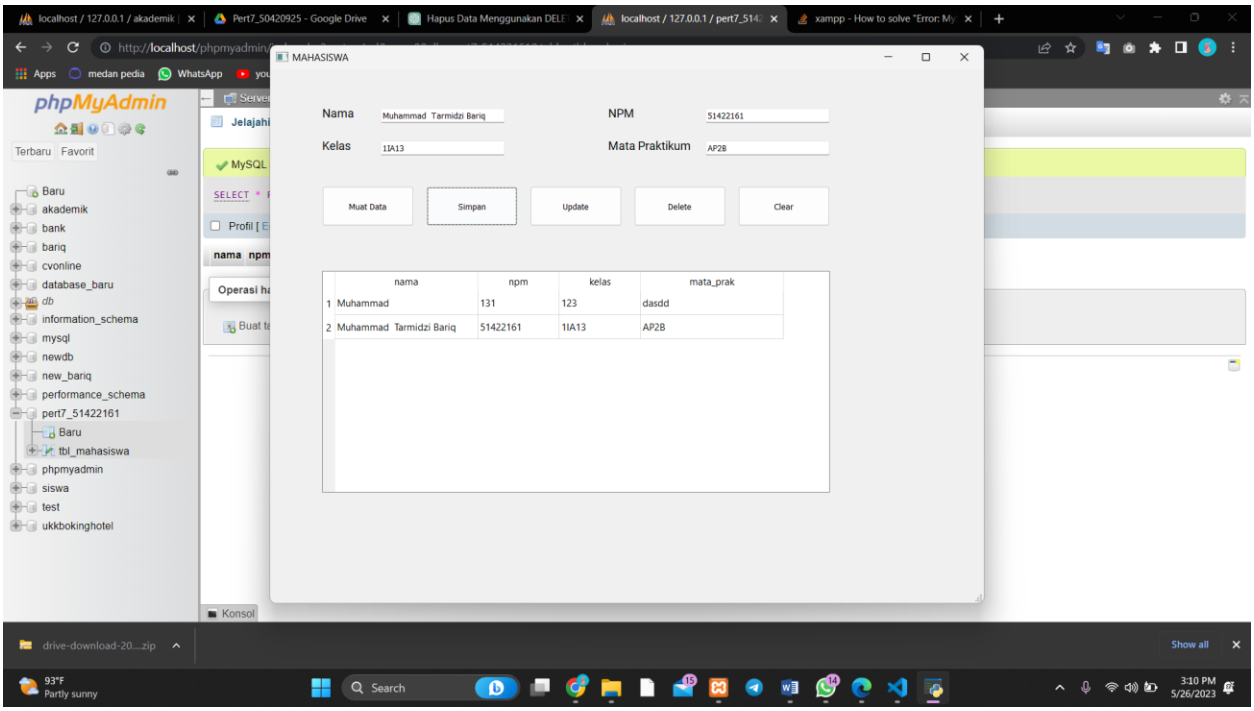
Data sudah di input



QTDesigner



Isi data nama, kelas, npm, mata praktikum



conndb.py > conndb > queryResult

lineEditNama Aa ab .* No results

```python
import mysql.connector

class conndb:
    def _init_(self):
        pass

    def queryResult(self,strsql):
        cnx = mysql.connector.connect(user='root', password='', host='localhost', database='pert7_51422161')
        conn = cnx.cursor()
        conn.execute(strsql)
        result = conn.fetchall()
        return result
        pass

    def queryExecute(self, strsql):
        cnx = mysql.connector.connect(user='root', password='', host='localhost', database='pert7_51422161')
        conn = cnx.cursor()
        conn.execute(strsql)
        cnx.commit()
        pass
```

mahasiswa.py > ...

lineEditNama Aa ab .* ? of 5

```python
import sys
from PyQt5 import QtWidgets, uic
import conndb

class MainWindow(QtWidgets.QMainWindow):
    def __init__(self, *args, **kwargs):
        super().__init__(*args, **kwargs)
        uic.loadUi("Mahasiswa.ui", self)
        self.setWindowTitle("MAHASISWA")
        self.pushButtonLoad.clicked.connect(self.loadData)
        self.pushButtonSimpan.clicked.connect(self.createData)
        self.pushButtonUpdate.clicked.connect(self.updateData)
        self.pushButtonDelete.clicked.connect(self.deleteData)
        self.pushButtonClear.clicked.connect(self.clear)
        self.tableWidget.clicked.connect(self.getData)
        self.tableWidget.setColumnWidth(0, 220)
        self.tableWidget.setColumnWidth(3, 220)
        pass

    def getData(self):
        row = self.tableWidget.currentRow()
        print(str(row))
        rowItemNama = self.tableWidget.item(row, 0).text()
        rowItemNpm = self.tableWidget.item(row, 1).text()
        rowItemKelas = self.tableWidget.item(row, 2).text()
        rowItemMatprak = self.tableWidget.item(row, 3).text()

        self.lineEditNama.setText(rowItemNama)
```