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Course - Python

Topic - Graphical user
          interface

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Sem - IV Sem:

Report:

Graphical user interface using tkinter :

```
from tkinter import *
window = tk()
window.mainloop()
b1 = Button (window, text = "execeute"), commond = )
b1.* grid (row = 0, coloumn = 0)
e1 = Entry ( window)
e1. grid (row = 0, coloumn = 1)
t1 = Text (window)
t1.- grid (row = 0, coloumn = 2)
```

Create multi-widget GUI
⇒ create python prgram that expects a kilogram i/p value & converts that value to grams, pounds, & ounces when the user pushes the convert button

Tip -

$1kg = 1000$ grams

$1kg = 2.20462$ pounds

$1kg = 35.274$ ounces.

Interacting with databases:

      mysQL
      Oracle
      sQlite   etc databases

These are stored in Snow kids book store.
Consist of 2 libraries
1) Sqlite3
2) psycopg2
5 Steps to interact with database :
1) to connect to a database
2) Create a cursor object
3) Write an SQL query
4) Commit changes
5) close database connection

I setup remote mysQL database on server with IP adress 108.167.160.122 so you dont install to set up a mysQL database to yourself.

you also need a python library that interacts with mysQL databases. many libraries are compatible. but I prefer mysql. connector.
simply execute:
pip install mysql-connector /
pip3 install mysql-connector