



TECKO DATABASE

Submitted to-

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Submitted By

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B.Tech.CSE 6th sem


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INTRODUCTION

- A database is an organized collection of structured information, or data, typically stored electronically in a computer system. A database is usually controlled by a database management system (DBMS). Together, the data and the DBMS, along with the applications that are associated with them, are referred to as a database system, often shortened to just database.

OVERVIEW OF PROJECT

 MY ROUTINE DATABASE — □ ×

Date	12-09-2021	Earnings	1000
Exercise	Yes	Study	yes
Diet	Taken	Python	yes

12-09-2021 1000 Yes yes Taken yes

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TECHNOLOGY STACK USED

- Python-
a.Tikenter
- SQLite3





LABELS,ENTRIES,LIST BOX,SCROLLBAR & BUTTONS

- Labels have including information on a entries origin.
- A list box is a graphical control element that allows the user to select one or more items from a list contained within a static, multiple line text box.
- Scrollbar is basically use for viewing all data in database.
- Buttons are used for data saving, viewing,searching & deleting.

DEFINING BACKEND

```
frontend.py  backend.py X
backend.py > ...
1 import sqlite3
2
3 def connect():
4     conn = sqlite3.connect('routine.db')
5     cur = conn.cursor()
6     cur.execute("CREATE TABLE IF NOT EXISTS routine (Id INTEGER PRIMARY KEY , date text , earnings integer , exercise text , study text ,
7     conn.commit()
8     conn.close()
9
10 def insert(date , earnings , exercise , study , diet , python):
11     conn = sqlite3.connect('routine.db')
12     cur = conn.cursor()
13     cur.execute("INSERT INTO routine VALUES (NULL , ?,?,?,?,?)" , (date , earnings , exercise , study , diet , python))
14     conn.commit()
15     conn.close()
16
17 def view():
18     conn = sqlite3.connect('routine.db')
19     cur = conn.cursor()
20     cur.execute("SELECT * FROM routine")
21     rows = cur.fetchall()
22     conn.commit()
23     conn.close()
24     return rows
25
26 def delete(id):
27     conn = sqlite3.connect('routine.db')
28     cur = conn.cursor()
29     cur.execute("DELETE FROM routine WHERE id=? " , (id,))
30     conn.commit()
31     conn.close()
32
33 def search(date='', earnings='', exercise='', study='', diet='', python=''):
34     conn = sqlite3.connect('routine.db')
35     cur = conn.cursor()
36     cur.execute("SELECT * FROM routine WHERE date=? OR earnings=? OR exercise=? OR study=? OR diet=? OR python=?" , (date , earnings , e
37     rows = cur.fetchall()
38     return rows
```


SEARCHING & VIEWING DATA

TECKO DATABASE

Date	12-09-2021	Earnings	
Exercise		Study	
Diet		Python	

1 {}{}{}{}{}
2 12-09-2021 1000 Yes yes Taken yes
3 12-09-2021 1000 Yes yes Taken yes

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TECKO DATABASE

Date	12-11-2021	Earnings	no
Exercise	no	Study	no
Diet	no	Python	no

1 {}{}{}{}{}
2 12-09-2021 1000 Yes yes Taken yes
3 12-09-2021 1000 Yes yes Taken yes
4 12-09-2021 {}{}{}{}{}
5 12-11-2021 no no no no no

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ADDING & DELETING DATA

TECKO DATABASE

Date	12-09-2020	Earnings	00990
Exercise	yes	Study	little bit
Diet	yes	Python	yes

1 {} {} {} {} {} {} {} {}
4 12-09-2021 {} {} {} {} {} {} {} {}
5 12-11-2021 no no no no no no no no

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TECKO DATABASE

Date	12-09-2021	Earnings	
Exercise		Study	
Diet		Python	

1 {} {} {} {} {} {} {} {}
4 12-09-2021 {} {} {} {} {} {} {} {}
5 12-11-2021 no no no no no no no no

ADD
Search
Delete date
View all
Close



THANK YOU