

```

import mysql.connector
mydb=mysql.connector.connect(
    host="localhost",
    user="root",
    password="Aishwarya@14",
    database="covid19_db"
)
mycursor=mydb.cursor()
def insert_statedata():
    sql="insert into state_data(state_id,state_name,recovery,population) values (%s,%s,%s,%s)"
    state_id=input("enter the state_id:")
    state_name=input("enter the state_name:")
    recovery=int(input("enter the recovery:"))
    population=int(input("enter the population:"))
    val=(state_id,state_name,recovery,population)
    mycursor.execute(sql,val)
    mydb.commit()
    print("data saved successfully")
def view_statedata():
    mycursor.execute("select*from state_data")
    result=mycursor.fetchall()
    for i in result:
        print(i)
def insert_doctorsdata():
    sql="insert into doctors_data(name,age,sex,hospital_name) values (%s,%s,%s,%s)"
    name=input("enter the name:")
    age=int(input("enter the age:"))
    sex=input("enter the sex:")
    hospital_name=input("enter the hospital_name:")
    val=(name,age,sex,hospital_name)
    mycursor.execute(sql, val)
    mydb.commit()
    print("data saved successfully")
def view_doctorsdata():
    mycursor.execute("select*from doctors_data")
    result=mycursor.fetchall()
    for i in result:
        print(i)
def insert_hospitaldata():
    sql="insert into hospital_data(hospital_name,location,beds_available) values (%s,%s,%s)"
    hospital_name=input("enter the hospital_name:")
    location=input("enter the location:")
    beds_available=input("enter the beds_available:")

    val=(hospital_name,location,beds_available)
    mycursor.execute(sql,val)
    mydb.commit()
    print("data saved successfully")
def view_hospitaldata():
    mycursor.execute("select*from hospital_data")
    result=mycursor.fetchall()
    for i in result:
        print(i)
def insert_patientsdata():

```

```

sql="insert into patients_data(name,age,place,hospital_name) values (%s,%s,%s,%s)"
name=input("enter the name:")
age=int(input("enter the age:"))
place=input("enter the place:")
hospital_name=input("enter the hospital_name:")
val=(name,age,place,hospital_name)
mycursor.execute(sql,val)
mydb.commit()
print("data saved successfully")
def view_patientsdata():
    mycursor.execute("select*from patients_data")
    result=mycursor.fetchall()
    for i in result:
        print(i)
def insert_vaccinedata():
    sql="insert into vaccination_data(name,age,sex,place,vaccine_name) values(%s,%s,%s,%s,%s)"
    name=input("enter the name:")
    age=int(input("enter the age:"))
    sex=input("enter the sex:")
    place=input("enter the place:")
    vaccine_name=input("enter the vaccine_name:")
    val=(name,age,sex,place,vaccine_name)
    mycursor.execute(sql,val)
    mydb.commit()
    print("data saved successfully")
def view_vaccinedata():
    mycursor.execute("select*from vaccination_data")
    result=mycursor.fetchall()
    for i in result:
        print(i)
print("1->insert_statedata")
print("2->insert_doctorsdata")
print("3->insert_hospitalata")
print("4->insert_patientsdata")
print("5->insert_vaccinedata")
print("6->view_statedata")
print("7->view_doctorsdata")
print("8->view_hospitaldata")
print("9->view_patientsdata")
print("10->view_vaccinedata")
try:
    user=int(input("enter your number:"))
    if user==1:
        insert_statedata()
    elif user==2:
        insert_doctorsdata()
    elif user==3:
        insert_hospitaldata()
    elif user==4:
        insert_patientsdata()
    elif user==5:
        insert_vaccinedata()
    elif user==6:
        view_statedata()
    elif user==7:

```

```
        view_doctorsdata()
elif user==8:
    view_hospitaldata()
elif user==9:
    view_patientsdata()
elif user==10:
    view_vaccinedata()
else:
    print("please type 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10")
except:
    print("please give a number only")
import datetime
x=datetime.datetime.now()
print(x)
f=open("happy.txt","w")
f.write(f"today time is:{x}")
f.close()
output:
enter your number:7
('ZIWA HOSPITAL', 'karaikudi', 630001)
('AK HOSPITAL', 'tuticorin', 628001)
2022-08-07 03:02:14. 543322
```