import sqlite3

# Connect to SQLite database

conn = sqlite3.connect('cloud.db')

cursor = conn.cursor()

# Create a table if it doesn’t exist

cursor.execute('''

CREATE TABLE IF NOT EXISTS CLOUD\_DEPLOYMENT (

ID INTEGER PRIMARY KEY AUTOINCREMENT,

TASK\_NAME TEXT NOT NULL,

DEPLOYMENT\_TYPE TEXT NOT NULL

)

''')

conn.commit()

# Function to add a task

def add\_task():

name = input("Enter your Task name: ")

dtype = input("Enter your Deployment type (e.g., AWS, Azure, etc.): ")

cursor.execute("INSERT INTO CLOUD\_DEPLOYMENT (TASK\_NAME, DEPLOYMENT\_TYPE)

VALUES (?, ?)", (name, dtype))

conn.commit()

print("Task Added Successfully!\n")# Function to view tasks

def view\_tasks():

cursor.execute("SELECT \* FROM CLOUD\_DEPLOYMENT")

data = cursor.fetchall()

print("\n--- Your Tasks ---")

for row in data:

print(f"ID: {row[0]}, Task: {row[1]}, Type: {row[2]}")

print()

# Function to delete a task

def delete\_task():

tid = input("Enter Task ID to delete: ")

cursor.execute("DELETE FROM CLOUD\_DEPLOYMENT WHERE ID=?", (tid,))

conn.commit()

print("Task Deleted Successfully!\n")

# Main program

while True:

print("\n1. Add Task")

print("2. View Tasks")

print("3. Delete Task")

print("4. Exit")

ch = int(input("Choose an option (1-4): "))

if ch == 1:

add\_task()

elif ch == 2:

view\_tasks()

elif ch == 3:

delete\_task()

elif ch == 4:

print("Exiting Cloud Deployment Manager...")

break

else:

print("Invalid Option! Please try again.\n")

conn.close()