**TASK 3**

1. create a Python script that establishes a connection to the SQL Server database using the provided credentials, retrieves data from the "Employees" table, and prints the first 5 rows of the table.Your script should handle any potential errors that may occur during the connection process and data retrieval.Feel free to use any appropriate Python libraries for connecting to SQL Server and handling database operations.

Code/commands:

import pyodbc

def fetch\_employees():

# Define your database connection parameters

server = 'Project\_server'

database = 'CompanyDB

username = 'your\_username'

password = 'your\_password123'

# Create the connection string

conn\_str = (

f"DRIVER={{ODBC Driver 17 for SQL Server}};"

f"SERVER={server};"

f"DATABASE={database};"

f"UID={username};"

f"PWD={password}"

)

try:

# Establish a connection to the database

conn = pyodbc.connect(conn\_str)

print("Connection successful")

# Create a cursor object to interact with the database

cursor = conn.cursor()

# Write the SQL query to fetch the first 5 rows from the Employees table

query = "SELECT TOP 5 \* FROM Employees"

# Execute the query

cursor.execute(query)

# Fetch the results

rows = cursor.fetchall()

# Print the results

for row in rows:

print(row)

except pyodbc.Error as e:

print("Error connecting to database or retrieving data:", e)

finally:

# Close the cursor and connection if they were opened

try:

cursor.close()

except:

pass

try:

conn.close()

except:

pass

if \_\_name\_\_ == "\_\_main\_\_":

fetch\_employees()

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