**TASK 2**

2.Design a Python script that connects to the SQL Server database, retrieves data from a specific table named "Employees", and prints the first 5 rows of the table.

CODE/COMMANDS:

pip install pyodbc

import pyodbc

# Define your database connection parameters

server = 'Project\_server' # e.g., 'localhost' or 'server\_name\instance\_name'

database = 'Company\_DB'

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}"

)

# Establish a connection to the database

try:

conn = pyodbc.connect(conn\_str)

print("Connection successful")

except Exception as e:

print("Error connecting to database:", e)

exit()

# 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()

for row in rows:

print(row)

cursor.close()

conn.close()

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