Lab:08/09

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Part1

B: > 3rd Year > Database system and concepts > lab07and 8 > lab07&lab08.py > ...

```python
import psycopg2
import pandas as pd

connection = psycopg2.connect(
        host="localhost",
        database="lab05",
        port = 5433,
        user="postgres",
        password="mdctg135270")

cursor = connection.cursor()

query = 'INSERT INTO MOVIE (id, title, release_date, rating, budget, gross) VALUES (%s, %s,
val = (5, "spiderman", "2007", 7.8, 200000000, 2200000000 )
cursor.execute(query, val)
print(cursor.rowcount, "record(s) inserted.")
```

Part2

B: > 3rd Year > Database system and concepts > lab07and 8 > lab07&lab08.py > ...

```python
import tabnanny
import psycopg2
import pandas as pd

connection = psycopg2.connect(
        host="localhost",
        database="lab05",
        port = 5433,
        user="postgres",
        password="mdctg135270")

cursor = connection.cursor()

cursor.execute('SELECT avg (2022-extract(year date_of_birth)) From actor')
result = cursor.fetchall()
data= [list(tabnanny)for r in result]
header = ["average age"]
df=pd.DataFrame(data,columns=header)
print(df)
```

Part3

```
import psycopg2
import pandas as pd

connection = psycopg2.connect(
        host="localhost",
        database="lab05",
        port = 5433,
        user="postgres",
        password="mdctg135270")

cursor = connection.cursor()

query = 'INSERT INTO Genre (Type,Description) VALUES (%s,
val = ('Action','fighting movie' )
cursor.execute(query, val)
print(cursor.rowcount, "record(s) inserted.")
```

Part4

```python
import psycopg2
import pandas as pd

connection = psycopg2.connect(
        host="localhost",
        database="lab05",
        port = 5433,
        user="postgres",
        password="mdctg135270")

cursor = connection.cursor()

query = 'INSERT INTO Department (Type,Description) VALUES (%s, %s)'
val = ('Deparment_name','number_of_student_id' )
cursor.execute(query, val)
print(cursor.rowcount, "record(s) inserted.")
```