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# Python program to insert data into the table 'Software' in MySQL database
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```
import mysql.connector as SQLCON
```

```
# Connecting to the server
conn = SQLCON.connect(user = 'test_user',
                      password = 'Test123',
                      host = 'localhost',
                      database= 'matdeck')
```

```
# Preparing a cursor object
cursorObj=conn.cursor()
```

```
# Preparing query and values to insert into table (Insert One Row)
queryVal="INSERT INTO Software (Name, Number) VALUES (%s,%s)"
dataVal=("NewSoftware", "157")
```

```
# Insert Into Query (Insert One Row)
cursorObj.execute(queryVal, dataVal)
conn.commit()
```

```
# Print all data from Software table after single row insert
tableData=("SELECT * FROM Software")
cursorObj.execute(tableData)
records = cursorObj.fetchall()
for row in records:
    print(row[0])
    print(row[1], "\n")
```

```
# Preparing query and values to insert into table (Multiple Rows At Once)
dataVal=[("NewSoftware", "157"),
         ("SecondSoftware", "24"),
         ("ThirdSoftware", "624"),
         ("MatDeck", "1"),
         ("OtherSoftwares", "999")]
```

```
# Insert Into Query (Multiple Rows At Once)
cursorObj.executemany(queryVal, dataVal)
conn.commit()
```

```
# Print all data from Software table after multiple rows insert
tableData=("SELECT * FROM Software")
cursorObj.execute(tableData)
records = cursorObj.fetchall()
for row in records:
    print(row[0])
    print(row[1], "\n")
```

```
# Disconnecting from the server
conn.close()
```