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In [3]: import pyodbc
pyodbc.drivers()
```

```
Out[3]: ['SQL Server',
'PostgreSQL ANSI(x64)',
'PostgreSQL Unicode(x64)',
'SQL Server Native Client 11.0',
'SQL Server Native Client RDA 11.0',
'ODBC Driver 17 for SQL Server',
'Microsoft Access Driver (*.mdb, *.accdb)',
'Microsoft Excel Driver (*.xls, *.xlsx, *.xlsm, *.xlsb)',
'Microsoft Access Text Driver (*.txt, *.csv)']
```

```
In [17]: import pyodbc

conn = pyodbc.connect('Driver={ODBC Driver 17 for SQL Server};'
                      'Server=LAPTOP-B09T49TN;'
                      'Database=AdventureWorksDW2014;'
                      'Trusted_Connection=yes;')
```

```
In [19]: # Create Operation
query1 = "Create table driver(driver_id varchar(100), driver_name varchar(200),age int)"
cursor = conn.cursor();
cursor.execute(query1);
```

```
In [20]: #Read Operation
query2 = "Select * from driver"
cursor.execute(query2);
data1 = cursor.fetchall()
data1
```

```
Out[20]: []
```

```
In [27]: # insert Operation
query3 = "insert into driver values ('d_1','Eric', 45)"
query4 = "insert into driver values ('d_2','Talia', 18)"
query5 = "insert into driver values ('d_3','Kayden', 19)"
cursor.execute(query3)
```

```
cursor.execute(query4)
cursor.execute(query5)
```

Out[27]: <pyodbc.Cursor at 0x2d5d3ba91b0>

```
In [28]: #Read Operation
query2 = "Select * from driver"
cursor.execute(query2);
data1 = cursor.fetchall()
data1
```

Out[28]: [('d_1', 'Eric', 45), ('d_2', 'Talía', 18), ('d_3', 'Kayden', 19)]

```
In [29]: # Update Operation
query7="update driver set driver_name='paul' where driver_id='d_1' "
cursor.execute(query7)
query8 = "Select * from driver"
cursor.execute(query8);
data2 = cursor.fetchall()
data2
```

Out[29]: [('d_1', 'paul', 45), ('d_2', 'Talía', 18), ('d_3', 'Kayden', 19)]

```
In [30]: # Delete Operation
query9 = "delete from driver where driver_id='d_1'"
cursor.execute(query9);
query10 = "Select * from driver"
cursor.execute(query10);
data3 = cursor.fetchall()
data3
```

Out[30]: [('d_2', 'Talía', 18), ('d_3', 'Kayden', 19)]

In []: