

```

# Run this cell without changes
import sqlite3
import pandas as pd

# Run this cell without changes
northwind_path = 'Northwind.sqlite'
# Open up a connection
conn = sqlite3.connect(northwind_path)
# Initialize a cursor
cursor = conn.cursor()

# Run this cell without changes
table_name_query = """SELECT name
                        AS 'Table Names'
                        FROM sqlite_master
                        WHERE type='table';"""

pd.read_sql(table_name_query, conn)

```

	Table Names
0	Employee
1	Category
2	Customer
3	Shipper
4	Supplier
5	Order
6	Product
7	OrderDetail
8	CustomerCustomerDemo
9	CustomerDemographic
10	Region
11	Territory
12	EmployeeTerritory

```

# # 'Order'
# q = """SELECT * FROM Order LIMIT 1;"""
# pd.read_sql(q, conn)

```

```

# >>> ERROR

```

```

# 'Order'
q = """SELECT * FROM 'Order' LIMIT 1;"""
pd.read_sql(q, conn)

```

	Id	CustomerId	EmployeeId	OrderDate	RequiredDate	ShippedDate
ShipVia \						
0	10248	VINET	5	2012-07-04	2012-08-01	2012-07-16
3						

	Freight		ShipName	ShipAddress	ShipCity	\
0	32.38	Vins et alcools	Chevalier	59 rue de l'Abbaye	Reims	

	ShipRegion	ShipPostalCode	ShipCountry
0	Western Europe	51100	France

Shipper

```
q = """SELECT * FROM Shipper LIMIT 1;"""
pd.read_sql(q, conn)
```

	Id	CompanyName	Phone
0	1	Speedy Express	(503) 555-9831

'Order'

```
q = """
SELECT * FROM 'Order'
WHERE Freight > 1000
ORDER BY Freight DESC
;"""
pd.read_sql(q, conn)
```

	Id	CustomerId	EmployeeId	OrderDate	RequiredDate	ShippedDate
ShipVia \						
0	10540	QUICK	3	2013-05-19	2013-06-16	2013-06-13
3						

	Freight	ShipName	ShipAddress	ShipCity	ShipRegion \
0	1007.64	QUICK-Stop	Taucherstraße 10	Cunewalde	Western Europe

	ShipPostalCode	ShipCountry
0	01307	Germany

Answer

```
fifth_query = """
SELECT
    Shipper.CompanyName, Shipper.Phone
FROM Shipper
JOIN 'Order'
    ON Shipper.Id = 'Order'.ShipVia
WHERE
    'Order'.Freight > 1000;
"""
```

```
pd.read_sql(q, conn)
```

	Id	CustomerId	EmployeeId	OrderDate	RequiredDate	ShippedDate
ShipVia \						
0	10540	QUICK	3	2013-05-19	2013-06-16	2013-06-13
3						

	Freight	ShipName	ShipAddress	ShipCity	ShipRegion \
0	1007.64	QUICK-Stop	Taucherstraße 10	Cunewalde	Western Europe

	ShipPostalCode	ShipCountry
0	01307	Germany

```
q = "SELECT * FROM 'Order' LIMIT 1;"  
pd.read_sql(q, conn)
```

	Id	CustomerId	EmployeeId	OrderDate	RequiredDate	ShippedDate
0	10248	VINET	5	2012-07-04	2012-08-01	2012-07-16

	Freight	ShipName	ShipAddress	ShipCity	
0	32.38	Vins et alcools Chevalier	59 rue de l'Abbaye	Reims	\

	ShipRegion	ShipPostalCode	ShipCountry
0	Western Europe	51100	France