# C3- S2 - PRACTICE

**EXERCISE 1:**

[**Databases on W3School**](https://www.w3schools.com/sql/trysql.asp?filename=trysql_select_all)

1. **Selecting**

Write statements to extract data from all tables from w3shool order at least one column by ASC and other one by DESC.

1. **Customers** : select \* from customers order by customername DESC;

select \* from customers order by country ASC;

1. **Categories :**

**SELECT \* FROM Categories order by CategoryName DESC;**

**SELECT \* FROM Categories order by CategoryName ASC;**

1. **Employees :**

**SELECT \* FROM Employees order by EmployeeID DESC;**

**SELECT \* FROM Employees order by EmployeeID ASC;**

1. **OrderDetails :**

**SELECT \* FROM OrderDetails order by OrderDetailID DESC;**

**SELECT \* FROM OrderDetails order by OrderDetailID ASC;**

1. **Orders :**

**SELECT \* FROM Orders order by OrderID DESC;**

**SELECT \* FROM Orders order by OrderID ASC;**

1. **Products :**

**SELECT \* FROM Products order by ProductID DESC;**

**SELECT \* FROM Products order by ProductID ASC;**

1. **Shippers :**

**SELECT \* FROM Shippers order by ShipperID DESC;**

**SELECT \* FROM Shippers order by ShipperID ASC;**

1. **Suppliers :**

**SELECT \* FROM Suppliers order by SupplierID DESC;**

**SELECT \* FROM Suppliers order by SupplierID ASC;**

1. **Where clause** 
   1. Write a statement to extract all data from products where the price equals 19.5.

SELECT \* FROM Products WHERE price = 19.5;

* 1. Write a statement to extract all data from ordereDetail where the Quantity is greater than 10.

SELECT \* FROM OrderDetails WHERE Quantity > 10;

* 1. Write a statement to extract all data from shippers where the shipperid less than 3.

SELECT \* FROM shippers where shipperid < 3;

* 1. Write a statement to extract all data from products where the price is Greater than or equal to 40.

SELECT \* FROM products where price >= 40;

* 1. Write a statement to extract all data from products where SupplierID is Less than or equal to 9.

SELECT \* FROM products where SupplierID <= 9;

* 1. Write a statement to extract all data from customers except “Canada”.

SELECT \* FROM Customers WHERE country IN ('Canada');

* 1. Write a statement to extract all data from products where the price is between 10 to 30.

SELECT \* FROM products where price between 10 and 30.

* 1. Write a statement to extract all data from customers where the customername starts with letter O.

SELECT \* FROM customers where customername Like 'O%';

* 1. Write a statement to extract all data from suppliers where the country is in “USA, Italy,France”

SELECT \* FROM Suppliers WHERE Country In('USA', 'Italy' , 'France');