# 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 LastName desc;

SELECT \* FROM Employees order by LastName asc;

1. **OrderDetails** : SELECT \* FROM OrderDetails order by OrderID desc;

SELECT \* FROM OrderDetails order by ProductID asc;

1. **Orders :** SELECT \* FROM Orders order by ShipperID desc;

SELECT \* FROM Orders order by ShipperID asc;

1. **Products :** SELECT \* FROM Products order by ProductName desc;

SELECT \* FROM Products order by CategoryID asc;

1. **Shippers :** SELECT \* FROM Shippers order by ShipperName desc;

SELECT \* FROM Shippers order by ShipperName asc;

1. **Suppliers :** SELECT \* FROM Suppliers order by City desc;

SELECT \* FROM Suppliers order by Country 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 or 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 !="Canada"';

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

SELECT \* FROM Products where Price >=10 and Price <=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");