# 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 FirstName DESC ;

select \* from Employees order by FirstName DESC ;

1. **OrderDetails :** select \* from Orders order by OrderDetails DESC ;
2. **Orders :** select \* from Orders order by Orderid DESC ;
3. **Products :** select \* from Products by ProductName DESC ;

select \* from Products by ProductName ASC ;

1. **Shippers :** select \* from Shippers by ShipperName DESC ;

select \* from Shippers by ShipperName ASC;

1. **Suppliers :** select \* from Suppliers by SupplierName DESC ;

select \* from Suppliers by SupplierName 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 ShipplierID <= 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 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');