# 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 Categories DESC;

**SELECT \* FROM** Categories **ORDER BY** Categories **ASC ;**

1. **Employees :** SELECT \* FROM Employees ORDER BY Employees DESC ;

SELECT \* FROM Employees ORDER BY Employees ASC ;

1. **OrderDetails :** SELECT \* FROM OrderDetails ORDER BY OrderDetails DESC ;

SELECT \* FROM OrderDetails ORDER BY OrderDatails ASC ;

1. **Orders :** SELECT \* FROM Orders ORDER BY Orders DESC ;

SELECT \* FROM Orders ORDER BY Orders ASC ;

1. **Products :** SELECT \* FROM Products ORDER BY Products DESC ;

SELECT \* FROM Products ORDER BY Products ASC ;

1. **Shippers :** SELECT \* FROM Shippers ORDER BY Shippers DESC ;

SELECT \* FROM Ahippers ORDER BY Shippers ASC ;

1. **Suppliers :** SELECT \* FROM Suppliers ORDER BY Suppliers DESC ;

SELECT \* FROM Suppliers ORDER BY Supplies 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 OrderDetail WHERE OrderDetailID = 10 ;

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

SELECT \* FROM Shippers WHERE ShipprID < 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 NOT 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 = "USA" OR Country = "Italy" OR Country = "France";