# 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 Categorie order by cetegoriesName DESC ;

Select \* from Categories order by categoriesName ASC;

1. **Employees** : Select \* from Employees order by Notes ASC ;

Select \* from Employees order by Note DESC ;

1. **OrderDetails :** Select \* from OrderDetials order by OrderID ASC ;

Select \* from OrderDetials order by OrderID DESC ;

1. **Orders :**Select \* from Orders order by ShipperID ASC ;

Select \* from Orders order by ShipperID DESC ;

1. **Products :** Select \* from Products order by ProductName ASC ;

Select \* from ProductName order by ProductName DESC ;

1. **Shippers :** Select \* from Shippers order by ShipperName ASC ;

Select \* from Shippers order by ShipperName DESC ;

1. **Suppliers :** Select \* from Supplier order by SupplierName ASC ;

Select \* from Supplier order by SupplierName DESC ;

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 OR SupplierID=9 ;

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

SELECT \* FROM Customers where country NOT 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’) ;