

#Group number: G05\_Tues\_10

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--@block Task 1

```
SELECT CustomerID, City, Address FROM customers ORDER BY CustomerID
DESC;
```

--@block Task 2

```
SELECT * FROM Products WHERE UnitPrice <= 10 ORDER BY UnitPrice;
```

--@block Task 3

```
SELECT * FROM Products WHERE UnitPrice < 40 ORDER BY UnitPrice DESC
LIMIT 5;
```

--@block Task 4

```
SELECT * FROM Products WHERE UnitPrice < 10 AND QuantityPerUnit <>
'12 - 12 oz cans' ORDER BY ProductName DESC;
```

--@block Task 5

```
SELECT ProductName, SupplierID, UnitPrice FROM Products ORDER BY
SupplierID DESC, UnitPrice;
```

--@block Task 6

```
SELECT MIN(Quantity) AS MinimumOrderedQuantity, MAX(Quantity) AS
MaximumOrderedQuantity FROM orderdetails;
```

--@block for task 7-14

```
CREATE TABLE departments (
    DepartmentID int NOT NULL,
    ManagerID int NOT NULL,
    DepartmentName varchar(25),
    PRIMARY KEY (DepartmentID)
);
```

--@block

```
SELECT * from departments;
```

--@block Task 7

```
INSERT INTO departments (DepartmentID, ManagerID, DepartmentName)
VALUES
    (10, 11, 'Administration'),
    (20, 12, 'Shipping'),
    (30, 13, 'Purchasing'),
    (40, 14, 'Sales');
```

--@block Task 8

```
INSERT INTO departments
VALUES
    (50, 15, 'IT support'),
    (60, 20, 'Legal and Compliance'),
    (70, 14, 'Marketing'),
    (80, 14, 'Finance');
```

```
--@block Task 9
UPDATE departments SET ManagerID = 40 WHERE DepartmentName =
'Marketing';

--@block Task 10
UPDATE departments SET DepartmentName = NULL WHERE ManagerID = 14;

--@block Task 11
SELECT DepartmentName FROM departments WHERE DepartmentName IS NOT
NULL;

--@block Task 12
SELECT * FROM departments WHERE DepartmentName IS NULL;

--@block Task 13
DELETE FROM departments WHERE ManagerID = 14;

--@block Task 14
DELETE FROM departments;
```