

```
/* group 14-  
members; patel vrundaben vijaykumar, Abbas Sajjad Hussein, ben liu  
lab 3  
date- 20/9/2023*/  
-- Question 1 (done by Ben Liu)
```

```
SELECT  
    officecode,  
    city,  
    state,  
    country,  
    phone  
FROM  
    offices;
```

```
-- Question 2 (done by Ben Liu)
```

```
SELECT  
    employeenumber,  
    firstname,  
    lastname,  
    extension  
FROM  
    employees  
WHERE  
    officecode = 1;
```

```
//3 answer (done by- patel vrunda)
```

```
SELECT  
    customernumber,  
    customername,  
    contactfirstname,  
    contactlastname,  
    phone  
FROM  
    customers  
WHERE  
    city = 'Paris'  
ORDER BY  
    customernumber;
```

```
//4 answer (done by- patel vrunda)
```

```
SELECT  
    customernumber,  
    customername,  
    contactlastname ||', '|| contactfirstname as "CONTACT NAME",  
    phone  
FROM  
    customers  
WHERE  
    country = 'Canada'  
ORDER BY  
    customername;
```

```
//5 aanswer (done by- patel abbas sajjad)
```

```
SELECT  
    customernumber  
FROM  
    payments  
GROUP BY  
    customernumber  
ORDER BY  
    customernumber;
```

```
//6 aanswer (done by- patel abbas sajjad)
```

```
SELECT  
    customernumber,  
    checknumber,  
    amount  
FROM  
    payments  
WHERE  
    amount NOT BETWEEN 1500 AND 120000  
ORDER BY  
    amount DESC;
```

```
//7 aanswer (done by- patel abbas sajjad)
```

```
SELECT  
    ordernumber,  
    orderdate,  
    status,  
    customernumber  
FROM  
    orders  
WHERE  
    status = 'Cancelled'  
ORDER BY  
    orderdate;
```

-- Question 8 (done by Ben Liu)

```
SELECT
    productcode,
    productname,
    buyprice,
    msrp,
    msrp - buyprice AS "MARKUP",
    100 * (msrp - buyprice) / buyprice AS "PERCMARKUP"
FROM
    products
WHERE
    100 * (msrp - buyprice) / buyprice > 140
ORDER BY
    "PERCMARKUP" ASC;
```

```
SELECT
    productcode,
    productname,
    buyprice,
    msrp,
    msrp - buyprice AS "MARKUP",
    ROUND(100 * (msrp - buyprice) / buyprice, 1) AS "PERCMARKUP"
FROM
    products
WHERE
    ROUND(100 * (msrp - buyprice) / buyprice, 1) > 140
ORDER BY
    "PERCMARKUP" ASC;
```

//9 answer (done by- patel vrunda)

```
SELECT
    productcode,
    productname,
    quantityinstock
FROM
    products
WHERE
    LOWER(productname) LIKE '%co%'
    OR UPPER(productname) LIKE '%CO%'
ORDER BY
    quantityinstock;
```

//10 aanswer (done by- patel abbas sajjad)

```
SELECT
    customernumber,
    contactfirstname,
    contactlastname
FROM
    customers
WHERE
    UPPER(contactfirstname) LIKE 'S%E%'
ORDER BY
    customernumber;
```