

## Section 12 Design

# SQL INTRODUCTION: QUERYING THE DATABASE

Examine the following SELECT statement.

```
SELECT *
```

```
FROM employees;
```

This statement will retrieve all the rows in the employees table. True or False?

**True**

What command retrieves data from the database?

**SELECT**

What command can be used to show information about the structure of a table?

**DESCRIBE**

What command do you use to add rows to a table

**INSERT**

What command can be added to a select statement to return a subset of the data?

**WHERE**

## BASIC TABLE MODIFICATIONS

The f\_customers table contains the following data:

ID	Name	Address	City	State	Zip
1	Cole Bee	123 Main Street	Orlando	FL	32838
2	Zoe Twee	1009 Oliver Avenue	Boston	MA	02116
3	Sandra Lee	22 Main Street	Tampa	FL	32444

If you run the following statement,

```
DELETE FROM F_CUSTOMERS
```

```
WHERE STATE='FL';
```

How many rows will be left in the table?

**1**

The SQL statement ALTER TABLE EMPLOYEES DROP COLUMN SALARY will delete all of the rows in the employees table. True or False?

**False**

What will the following statement do to the employee table?

```
ALTER TABLE employees ADD (gender VARCHAR2(1))
```

**Add a new column called GENDER to the EMPLOYEES table**