**Simple SQL SELECT Queries – Practice**

1. Create a query to display all the data from the *Customers* table.
2. The following SELECT statement executes successfully (True / False)

|  |  |
| --- | --- |
| 1  2 | FROM Customers  SELECT last\_name , first\_name |

1. Create a query to display the internet package number, internet speed and monthly payment (*Packages* table).
2. The following SELECT statement executes successfully (True / False)

|  |  |
| --- | --- |
| 1  2 | SELECT strt\_date, monthly\_payment  FROM   packages |

1. The following SELECT statement executes successfully (True / False)

|  |  |
| --- | --- |
| 1 | SeleCT        last\_NAME , fiRST\_NamE , FROM customers |

1. Create a query to display the customer number, first name, last name, primary phone number, secondary phone number and package number (*Customers* table).
2. Create a query to display first name, last name, join date, monthly discount, monthly discount after an addition of 20% and monthly discount after a reduction of 20%  (*Customers* table).
3. Create a query to display the package number, speed, strt\_date (the date when the package became available), monthly payment, and monthly payment \* 12, name the last column “YearlyPayment” (*Packages* table).
4. Create a query to display the last name concatenated with the first name, separated by space, and main phone number concatenated with secondary phone number, separated by comma and space. Name the column heading FULL\_NAME and CONTACT\_DETAILS respectively. (*Customers* table)
5. Create a query to display unique cities from the *Customers* table.
6. Create a query to display unique states from the *Customers* table.
7. Create a query to display unique combination of cities and states from *Customers* table.
8. Create a query to display the last name concatenated with the state, separated by space. Name this column CUSTOMER\_AND\_STATE (*Customers* table)
9. Create a query to display the first name, last name, monthly discount and city concatenated with street, separated by space.  Name the column headings: FN, LN, DC and FULL\_ADDRESS respectively (*Customers* table).
10. Create a query to display unique monthly discounts in *Customers* table.
11. Create a query to display unique packages (package\_id) in *Customers* table.

ANSWERS

1) select \* from CUSTOMERS

2) FALSE

3) SELECT PACK\_ID,SPEED,MONTHLY\_PAYMENT FROM PACKAGES

4) TRUE

5) FALSE

6) SELECT CUSTOMER\_ID,FIRST\_NAME,LAST\_NAME,MAIN\_PHONE\_NUM,

SECONDARY\_PHONE\_NUM,PACK\_ID FROM CUSTOMERS

7) SELECT FIRST\_NAME,LAST\_NAME,JOIN\_DATE,MONTHLY\_DISCOUNT,

(MONTHLY\_DISCOUNT+((MONTHLY\_DISCOUNT\*20)/100))AS MONTHLY\_ADDITION,(MONTHLY\_DISCOUNT-((MONTHLY\_DISCOUNT\*20)/100))AS MONTHLY\_REDUCTION FROM CUSTOMERS

8) SELECT PACK\_ID,SPEED,STRT\_DATE,MONTHLY\_PAYMENT,(MONTHLY\_PAYMENT\*12) AS YearlyPayment FROM PACKAGES

9) SELECT CONCAT(FIRST\_NAME,CONCAT(' ',LAST\_NAME)) AS FULL\_NAME,CONCAT(MAIN\_PHONE\_NUM,CONCAT(', ',SECONDARY\_PHONE\_NUM)) AS CONTACT\_DETAILS FROM CUSTOMERS

OR

SELECT FIRST\_NAME||' '||LAST\_NAME AS FULL\_NAME,MAIN\_PHONE\_NUM||', '||SECONDARY\_PHONE\_NUM AS CONTACT\_DETAILS FROM CUSTOMERS

10) SELECT DISTINCT CITY FROM CUSTOMERS

11) SELECT DISTINCT STATE FROM CUSTOMERS

12) SELECT DISTINCT CITY,STATE FROM CUSTOMERS

13 SELECT STATE||' '||LAST\_NAME AS CUSTOMER\_AND\_STATE FROM CUSTOMERS

14) SELECT FIRST\_NAME AS FN,LAST\_NAME AS LN,MONTHLY\_DISCOUNT AS DC,STREET||' '||CITY AS FULL\_ADDRESS FROM CUSTOMERS

15) SELECT DISTINCT MONTHLY\_DISCOUNT FROM CUSTOMERS

16) SELECT DISTINCT PACK\_ID FROM CUSTOMERS