**Simple SQL SELECT Queries – Practice Answers**

1. Create a query to display all the data from the *Customers* table.

**select \* from customers;**

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

**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).

**select pack\_id, speed, monthly\_payment from packages;**

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

**True**

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

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

**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).

**select customer\_id, first\_name,last\_name,main\_phone\_num,secondary\_phone\_num,pack\_id from customers;**

1. 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).

**select first\_name,last\_name,join\_date,monthly\_discount,monthly\_discount+monthly\_discount\*0.2,monthly\_discount-monthly\_discount\*0.20 from customers;**

1. 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).

**select pack\_id, speed, monthly\_payment,strt\_date,monthly\_payment\*12 as "YearlyPayment" from packages;**

1. 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)

**select concat(CONCAT(first\_name,' '),last\_name) as "FULL\_NAME",concat(CONCAT(main\_phone\_num,', '),secondary\_phone\_num) as "CONTACT\_DETAILS" from customers;**

1. Create a query to display unique cities from the *Customers* table.

**select distinct city from customers;**

1. Create a query to display unique states from the *Customers* table.

**select distinct state from customers;**

1. Create a query to display unique combination of cities and states from *Customers* table.

**select distinct city,state from customers;**

1. Create a query to display the last name concatenated with the state, separated by space. Name this column CUSTOMER\_AND\_STATE (*Customers* table)

**select concat(CONCAT(last\_name,' '),state) as "CUSTOMER\_AND\_STATE" from customers;**

1. 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).

**select first\_name as "FN",last\_name as "LN",monthly\_discount as "DC", city||' '||street as "FULL\_ADDRESS" from customers;**

1. Create a query to display unique monthly discounts in *Customers* table.

**select distinct monthly\_discount from customers;**

1. Create a query to display unique packages (package\_id) in *Customers* table.

**select distinct pack\_id from customers;**