Task: Wild Cards and Case Expressions   
  
Q1: Consider the following table and return the type of triangle that it forms.

|  |  |  |
| --- | --- | --- |
| A | B | C |
| 5 | 5 | 5 |
| 4 | 5 | 6 |
| 4 | 6 | 4 |
| 4 | 6 | 15 |
| 8 | 8 | 8 |
| 8 | 5 | 9 |
| 6 | 6 | 7 |

**Instructions**:

1. Create a table.
2. Insert the values as stated in the table.
3. Use the case expression to get the desired output.
4. Note that Columns A, B and C are the measures of each side of the triangle.

Q2: Create table:

CREATE TABLE Part\_Profiles (

user\_id int,

name varchar(30),

email varchar(40),

birthdate date,

quote varchar(300),

PRIMARY KEY (user\_id)

)

Insert values:

INSERT INTO Part\_Profiles

VALUES

(1, 'Kim', 'bd\_eyes@example.com', '1945-07-20', '"Never let the fear of striking out keep you from playing the game." -Babe Ruth'),

(2, 'Ann', 'cantstandrain@example.com', '1947-04-27', '"The future belongs to those who believe in the beauty of their dreams." -Eleanor Roosevelt'),

(3, 'Phoebe', 'poetry\_man@example.com', '1950-07-17', '"100% of the people who give 110% do not understand math." -Demitri Martin'),

(4, 'Jim', 'u\_f\_o@example.com', '1940-08-13', '"Whoever is happy will make others happy too." -Anne Frank'),

(5, 'Timi', 'big\_voice@example.com', '1940-08-04', '"It is better to fail in originality than to succeed in imitation." -Herman Melville'),

(6, 'Taeko', 'sunshower@example.com', '1953-11-28', '"You miss 100% of the shots you don\'t take." -Wayne Gretzky'),

(7, 'Irma', 'soulqueen\_NOLA@example.com', '1941-02-18', '"You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose." -Dr. Seuss'),

(8, 'Iris', 'our\_town@example.com', '1961-01-05', '"You will face many defeats in life, but never let yourself be defeated." -Maya Angelou');

Part A: Display all the records where names start with T or I.

Part B: Display all the records where names do not start with T or I.

Part C: Display name and email of the records with user ID greater than 5.

Part D: Display all the records with and “\_” in the email.  
Part E: Display only ID, name and email of the records without an “\_” in the email.

Part F: Display the record that has the quote’s maximum length.

Part G: Display records with user id in the descending order.

Part H: Arrange and display all the records of the table in an alphabetical order with respect to the names.