Indian Institute of Information Technology Dharwad

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Task : Triangle_Type

Aim:

The aim to do this assignment is to implement Triangle_Type in sql.

Code :

```
use mysql;

create table triangle

( A int, B int, C int);


insert into triangle values (20,20,23);

insert into triangle values (20,20,20), (20,21,22), (13,14,30);

select * from triangle;


select case

when A+B <= C or A+C <= B or B+C <= A then 'Not a triangle'

when A = B and B = C then 'Equileteral'

when A = B or B=C or C=A then 'Isosceles'

when A != B and B != C then 'Scelen'

end tuple

from triangle;
```

Screenshot of Output:

Local instance MySQL80 ×

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

SCHEMAS

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Administration   Schemas

Information

No object selected

Object Info   Session

Instructor Table   employee   employee   SQL File 5*   20bcs040_Assignmet_Triangle_... ×

```
7  ●   select * from triangle;
8
9  ●  ⊖ select case
10      when A+B <= C or A+C <= B or B+C <= A then 'Not a triangle'
11      when A = B and B = C then 'Equileteral'
12      when A = B or B=C or C=A then 'Isosceles'
13      when A != B and B != C then 'Scelen'
14      end tuple
15      from triangle;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 🔤

tuple
Isosceles
Equileteral
Scelen
Not a triangle

Result 11 ×

Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✔	14 01:26:54	SELECT CASE WHEN A + B <= C or A + C <= B or B + C <= A THEN 'Not A Triangle' ...	4 row(s) returned	0.000 sec / 0.000 sec
✔	15 01:27:04	select case when A+B <= C or A+C <= B or B+C <= A then 'Not a triangle' when A = B and B ...	4 row(s) returned	0.000 sec / 0.000 sec
✔	16 01:35:06	select case when A+B <= C or A+C <= B or B+C <= A then 'Not a triangle' when A = B and B ...	4 row(s) returned	0.000 sec / 0.000 sec
✔	17 01:35:37	select case when A+B <= C or A+C <= B or B+C <= A then 'Not a triangle' when A = B and B ...	4 row(s) returned	0.000 sec / 0.000 sec

Query Completed

SQLAdditions

Jump to

Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.

Activate Windows
Go to Settings to activate Windows.

Type here to search   cloudy   1:36 AM   28-Apr-22