Data base creation (11th Apr)

Code

Attempt 1

CREATE TABLE TRIANGLES

(TRIANGLE INT,

SIDE\_A INT,

SIDE\_B INT,

SIDE\_C INT);

INSERT INTO TRIANGLES VALUES

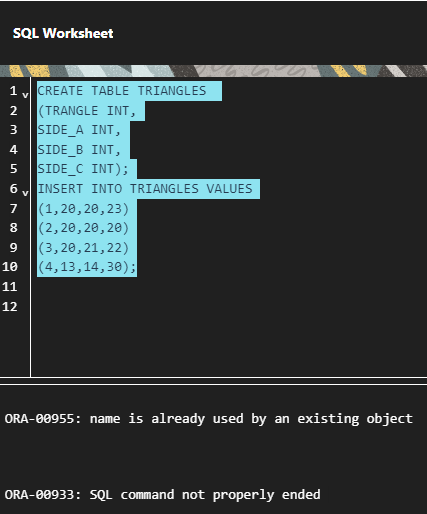
(1,20,20,23)

(2,20,20,20)

(3,20,21,22)

(4,13,14,30);

Text

Description automatically generated

Attempt 2.

CREATE TABLE TRIANGLES

(TRIANGLE INT,

SIDE\_A INT,

SIDE\_B INT,

SIDE\_C INT);

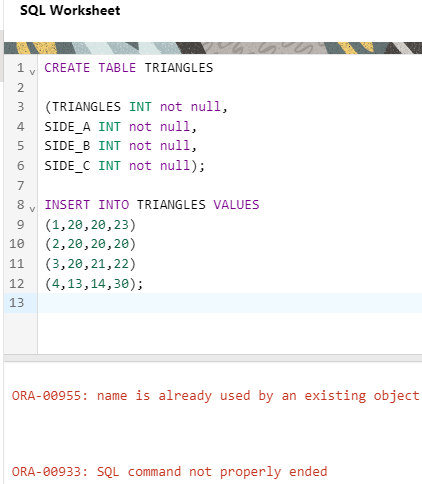
INSERT INTO TRIANGLES VALUES

(1,20,20,23)

(2,20,20,20)

(3,20,21,22)

(4,13,14,30);



Attempt 3

create table triangle

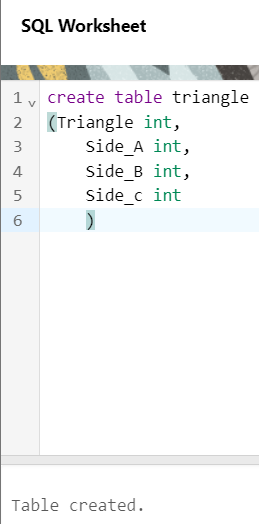
(Triangle int,

Side\_A int,

Side\_B int,

Side\_c int

)



INSERT INTO TRIANGLE (TRIANGLE, SIDE\_A, SIDE\_B, SIDE\_C)

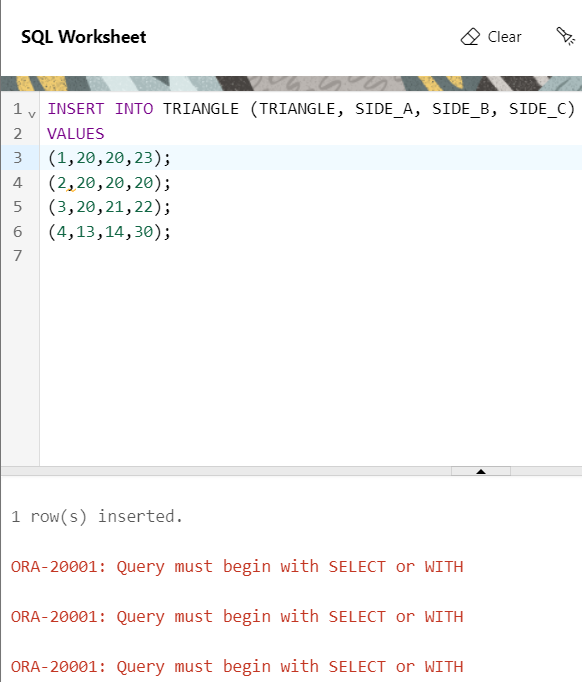
VALUES

(1,20,20,23);

(2,20,20,20);

(3,20,21,22);

(4,13,14,30);



Attempt 4

create table triangles

(Triangle int,

Side\_A int,

Side\_B int,

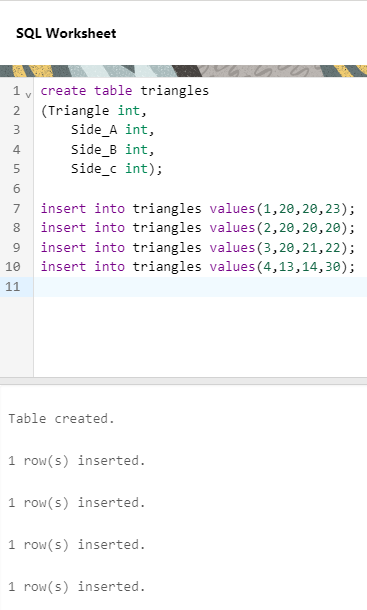
Side\_c int);

insert into triangles values(1,20,20,23);

insert into triangles values(2,20,20,20);

insert into triangles values(3,20,21,22);

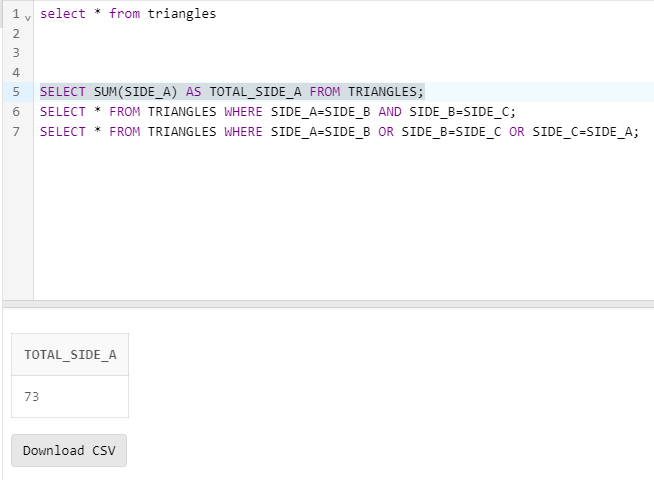
insert into triangles values(4,13,14,30);



Q.

i) Write a query to obtain the sum of side\_A of all triangles.

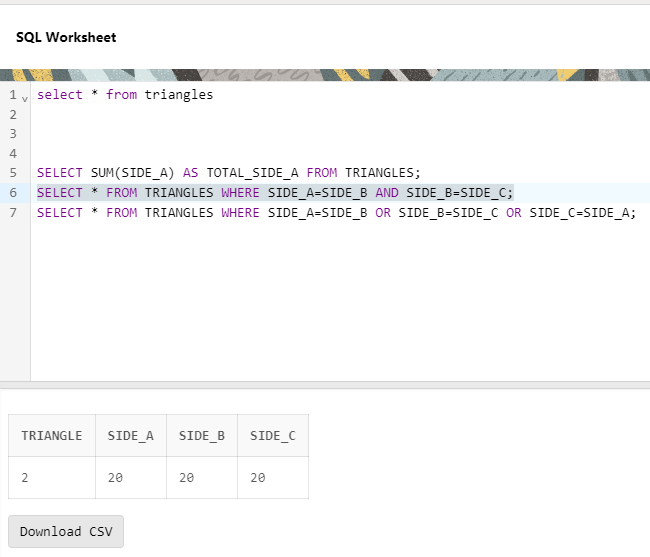
**SELECT SUM(SIDE\_A) AS TOTAL\_SIDE\_A FROM TRIANGLES;**



ii) Write a query to obtain an equilateral triangle from the table.

(Note:- Equilateral triangle is a triangle in which all three sides

have the same length)



iii) Write a query to obtain an isosceles triangle from the table

(Note:- An isosceles triangle is a triangle that has two sides of

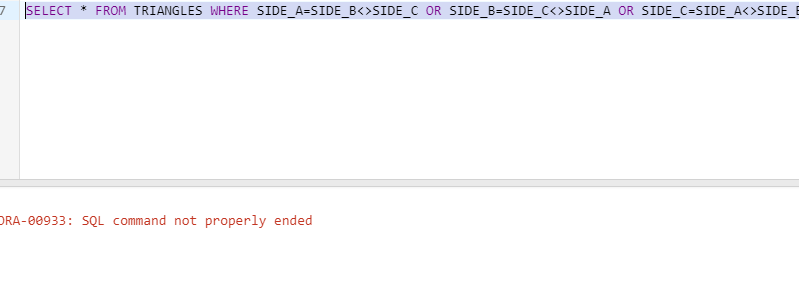
equal length)

SELECT \* FROM TRIANGLES WHERE SIDE\_A=SIDE\_B OR SIDE\_B=SIDE\_C OR SIDE\_C=SIDE\_A;

Contains equilateral also

SELECT \* FROM TRIANGLES WHERE SIDE\_A=SIDE\_B<>SIDE\_C OR SIDE\_B=SIDE\_C<>SIDE\_A OR SIDE\_C=SIDE\_A<>SIDE\_B;

Why not working



Attempt 2

SELECT \*

FROM TRIANGLES

WHERE SIDE\_A = SIDE\_B AND SIDE\_A <> SIDE\_C

OR SIDE\_B = SIDE\_C AND SIDE\_B <> SIDE\_A

OR SIDE\_C = SIDE\_A AND SIDE\_C <> SIDE\_B;

