Table A

id name

1 apple

1 apple

1 apple

1 apple

2 Banana

2 Banana

3 Guava

--

table 2

id color

1 Red

2 yellow

3 Green

share output no of records and exact records for all joins

Now, let us provide the output for each type of join:

1. INNER JOIN:

- Inner join returns only the records where there is a match between the IDs in both tables.

- Code:

SELECT TableA.id, TableA.name, TableB.color FROM TableA

INNER JOIN TableB ON TableA.id = TableB.id;

Output:

A screenshot of a computer

Description automatically generated

2. LEFT JOIN:

- Left join returns all records from Table A and the matched records from Table B.

- Code:

SELECT A.id, A.name, B.color FROM TableA A LEFT JOIN TableB B ON A.id = B.id;

Output:

A screenshot of a computer

Description automatically generated

3. RIGHT JOIN:

- Right join returns all records from Table B and the matched records from Table A.

- Code:

SELECT A.id, A.name, B.color FROM TableA A RIGHT JOIN TableB B ON A.id = B.id;

Output:

A screenshot of a computer

Description automatically generated

4. FULL JOIN:

- Full join returns all records from both Table A and Table B.

- Code:

SELECT A.id, A.name, B.color FROM TableA A FULL JOIN TableB B ON A.id = B.id;

Output:

A screenshot of a computer

Description automatically generated