Resolving  
 “**Error Code: 1093. You can't specify target table 'l1' for update in FROM clause**”

This error occurs because some database systems don't allow you to directly reference and modify the same table in a subquery within an UPDATE statement.

1. Ram Memory Update:

- Description: Updating the `ram\_memory` column in the `laptopsdata` table by replacing 'GB' in the `Ram` column.

- \* Query\*:

UPDATE laptops l1

SET Ram = (SELECT REPLACE(Ram,'GB','') FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET ram\_memory = REPLACE(Ram, 'GB', '');

2. Weight Update:

- Description: Updating the `weight` column in the `laptopsdata` table by replacing 'kg' in the `Weight` column.

- \* Query\*:

UPDATE laptops l1

SET Weight = (SELECT REPLACE(Weight,'kg','') FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET weight = REPLACE(Weight, 'kg', '');

3. Price Update:

- Description: Updating the `price` column in the `laptopsdata` table by rounding the `Price` column.

- \* Query\*:

UPDATE laptops l1

SET Price = (SELECT ROUND(Price) FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET price = ROUND(Price);

4. GPU Brand Update:

- Description: Updating the `gpu\_brand` column in the `laptopsdata` table by extracting the brand from the `Gpu` column.

- \* Query\*:

UPDATE laptops l1

SET gpu\_brand = (SELECT SUBSTRING\_INDEX(Gpu,' ',1) FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET gpu\_brand = SUBSTRING\_INDEX(Gpu, ' ', 1);

5. GPU Name Update:

- Description: Updating the `gpu\_name` column in the `laptopsdata` table by removing the `gpu\_brand` from the `Gpu` column.

- \* Query\*:

UPDATE laptops l1

SET gpu\_name = (SELECT REPLACE(Gpu, gpu\_brand, '') FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET gpu\_name = REPLACE(Gpu, gpu\_brand, '');

6. CPU Brand Update:

- Description: Updating the `cpu\_brand` column in the `laptopsdata` table by extracting the brand from the `Cpu` column.

- \* Query\*:

UPDATE laptops l1

SET cpu\_brand = (SELECT SUBSTRING\_INDEX(Cpu,' ',1) FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET cpu\_brand = SUBSTRING\_INDEX(Cpu, ' ', 1);

7. CPU Speed Update:

- Description: Updating the `cpu\_speed` column in the `laptopsdata` table by extracting and converting the CPU speed from the `Cpu` column.

- \* Query\*:

UPDATE laptops l1

SET cpu\_speed = (SELECT CAST(REPLACE(SUBSTRING\_INDEX(Cpu,' ',-1),'GHz','') AS DECIMAL(10,2)) FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET cpu\_speed = CAST(REPLACE(SUBSTRING\_INDEX(Cpu, ' ', -1), 'GHz', '') AS DECIMAL(10,2));

8. CPU Name Update:

- Description: Updating the `cpu\_name` column in the `laptopsdata` table by extracting and cleaning the CPU name from the `Cpu` column.

- \* Query\*:

UPDATE laptops l1

SET cpu\_name = (SELECT REPLACE(REPLACE(Cpu, cpu\_brand, ''), SUBSTRING\_INDEX(REPLACE(Cpu, cpu\_brand, ''), ' ', -1), '') FROM laptops l2 WHERE l2.index = l1.index);

- \*Updated Query\*:

UPDATE laptopsdata

SET cpu\_name = REPLACE(REPLACE(Cpu, cpu\_brand, ''), SUBSTRING\_INDEX(REPLACE(Cpu, cpu\_brand, ''), ' ', -1), '');