

## QUERY #1 - Remove Redundant Pairs

### Problem Statement:

- For pairs of brands in the same year (e.g. apple/samsung/2020 and samsung/apple/2020)
  - if custom1 = custom3 and custom2 = custom4 : **then keep only one pair**
- For pairs of brands in the same year
  - if custom1 != custom3 OR custom2 != custom4 : **then keep both pairs**
- For brands that do not have pairs in the same year : **keep those rows as well**

INPUT						
BRAND1	BRAND2	YEAR	CUSTOM1	CUSTOM2	CUSTOM3	CUSTOM4
apple	samsung	2020	1	2	1	2
samsung	apple	2020	1	2	1	2
apple	samsung	2021	1	2	5	3
samsung	apple	2021	5	3	1	2
google		2020	5	9		
oneplus	nothing	2020	5	9	6	3

OUTPUT						
BRAND1	BRAND2	YEAR	CUSTOM1	CUSTOM2	CUSTOM3	CUSTOM4
apple	samsung	2020	1	2	1	2
apple	samsung	2021	1	2	5	3
samsung	apple	2021	5	3	1	2
oneplus	nothing	2020	5	9	6	3
google		2020	5	9		