Sql self join

Syntax of self-join in postgresql

|  |  |
| --- | --- |
| A | 10 |
| B | 10 |
| C | 10 |
| D | 20 |

The table below is the table of students and marks

We want to have a table where two students have the10 marks and both students should not be same

|  |  |  |
| --- | --- | --- |
| A | B | 10 |
| A | C | 10 |
| B | A | 10 |
| B | C | 10 |
| C | A | 10 |

SELECT X.col\_1,Y.col\_2,Y.marks FROM TABLE\_1 AS X

INNER JOIN Table\_1 as Y

ON X.marks = Y.marks

AND X.col\_1 !=Y.col\_1

Similarly we have movies and length and we want to do a self-join to get the moves which have same length let’s try to write query

SELECT X.title, Y.title, X.length FROM film as X

INNER JOIN film as Y

ON X.length = Y.length

AND X.title != Y.title