

Quiz 2 RA Key

Question

Suppose that relation R(A,B,C) has the following tuples

A	B	C
0	1	2
1	2	3
2	3	0

Suppose that relation S(A,B,C) has the following tuples

A	B	C
2	3	1
0	1	0

Compute the natural join of R and S. Which of the following tuples is in the result?
Assume each tuple has schema (A,B,C).

Options

- (0, 1, 2)
- (2, 3, 1)
- (2, 3, 0)
- None of the above

None of the Above is correct

Feedback

The natural join of two relations is the composite of rows, one from each relation, that share values along all same-named attributes across the two relations. If the two relations share all attribute names, then all composite rows must be from rows that are equal along all attributes. All pairs of rows in R and S differ in at least one value, so the result of the natural join is the empty set.