QUALIFIRES REQUIRED FOR JOIN

JOIN TYPE	UNCOMMON COLUMNS	COMMON COLUMNS	
NATURAL	CAN'T	CAN'T	
		FOR COLUMNS LISTED IN USING CLAUSE	FOR COLUMNS NOT LISTED IN USING CLAUSE
INNER with USING	OPTIONAL	CAN'T	MANDATORY
OUTER with USING	OPTIONAL	CAN'T	MANDATORY
INNER with ON	OPTIONAL	MANDATORY	
OUTER with ON	OPTIONAL	MANDATORY	
CROSS	OPTIONAL	MANDATORY	

NOTES :

1. NATURAL JOIN removes all common columns from result set, so no need to qualify any columns.
2. INNER/OUTER join with USING removes all common columns listed in USING clause. So no need to qualify those which are listed in USING. Remaining common columns must be qualified.
3. INNER/OUTER join with ON clause, doesn't remove any common columns, so every common column must be qualified.
4. CROSS JOIN never removes any common column, so every common column must be qualified.