In this problem we have a N number of queens in a NxN board. We have to place each queen so it cannot be taken from another queen, we have to place it in a way, so another queen is not in any of the diagonals, columns or rows of any other else.

Reference

When tracing the given code we can see that the first predicate called is range(1, N, Rs) (being Rs an empty variable). This predicate builds a list containing integer numbers from 1 to N in ascending order. From this point depending on which solution was chosen, it is performed a different call. If the chosen solution is queens\_1, 2 calls are going to be made… But if the chosen one is queens\_2, only one call is going to be made.