Assignment 6:

Constraint Satisfaction Problem (CSP)

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4-Queens problem by Constraint Satisfaction

Variables:

$$X_1 \rightarrow X_1, X_2, X_3, X_4$$

Domains:

 $D_i = \{1, 2, 3, 4\}$, values can take each X_i

Constraints:

 $C_i = (x_i \neq x_j \ and \ | \ x_i - x_j \ | \neq | \ i - j \ |)$, such that there are non attacking queens in the board

Initial State (S):

	X_1	X_2	<i>X</i> ₃	X_4
1				
2				
3				
4				







