## Assignment 3, Task 1: NQueens problem

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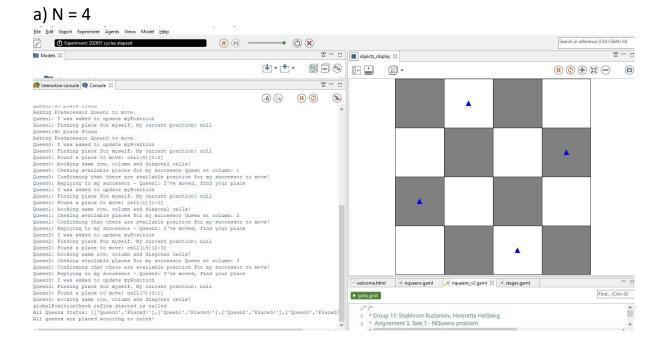
1. We've completely refactored Task1 solution as discussed and made the matrix size dynamic(N Queens on NxN grid).

Please set *number\_of\_queens* parameter (int) to size N you want to run the experiment. Ex: *int number\_of\_queens* <- 8;

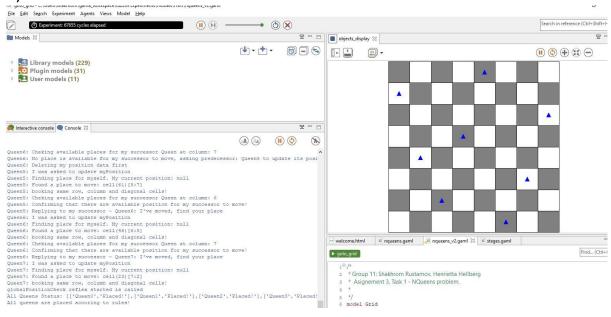
It is interesting to note that in our laptop, experiments with Queen size with 4, 8, 10 worked quite fast. As it gets to 20, it takes a minute to complete. The logs show the progress as it goes through the cycles. When it finishes, we print in the log as:

"All queens are placed according to rules!"

2. Results for different Grid Size:



## 3. b) N =8



## c) N = 20

