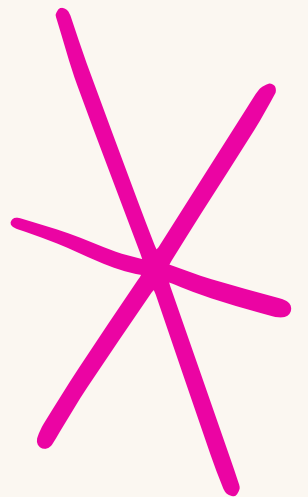
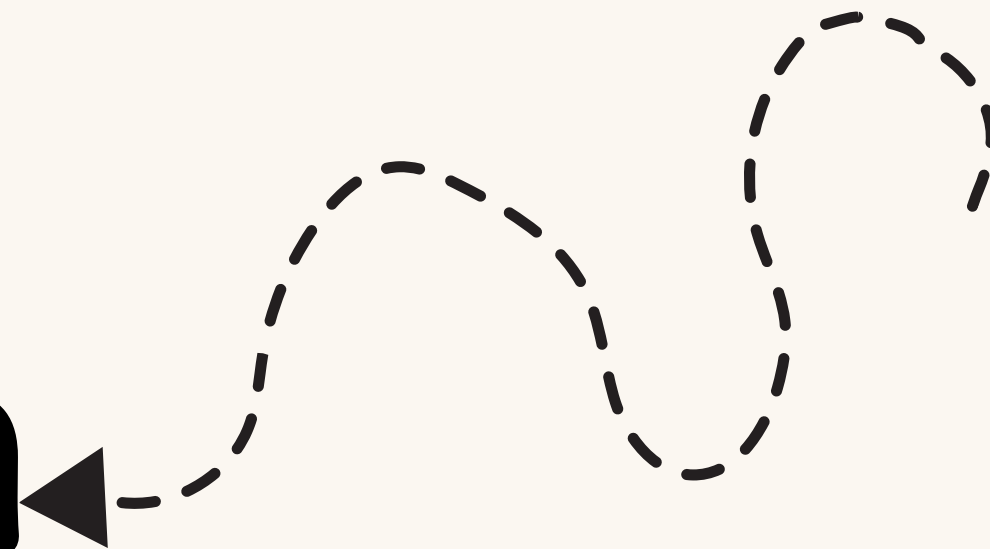


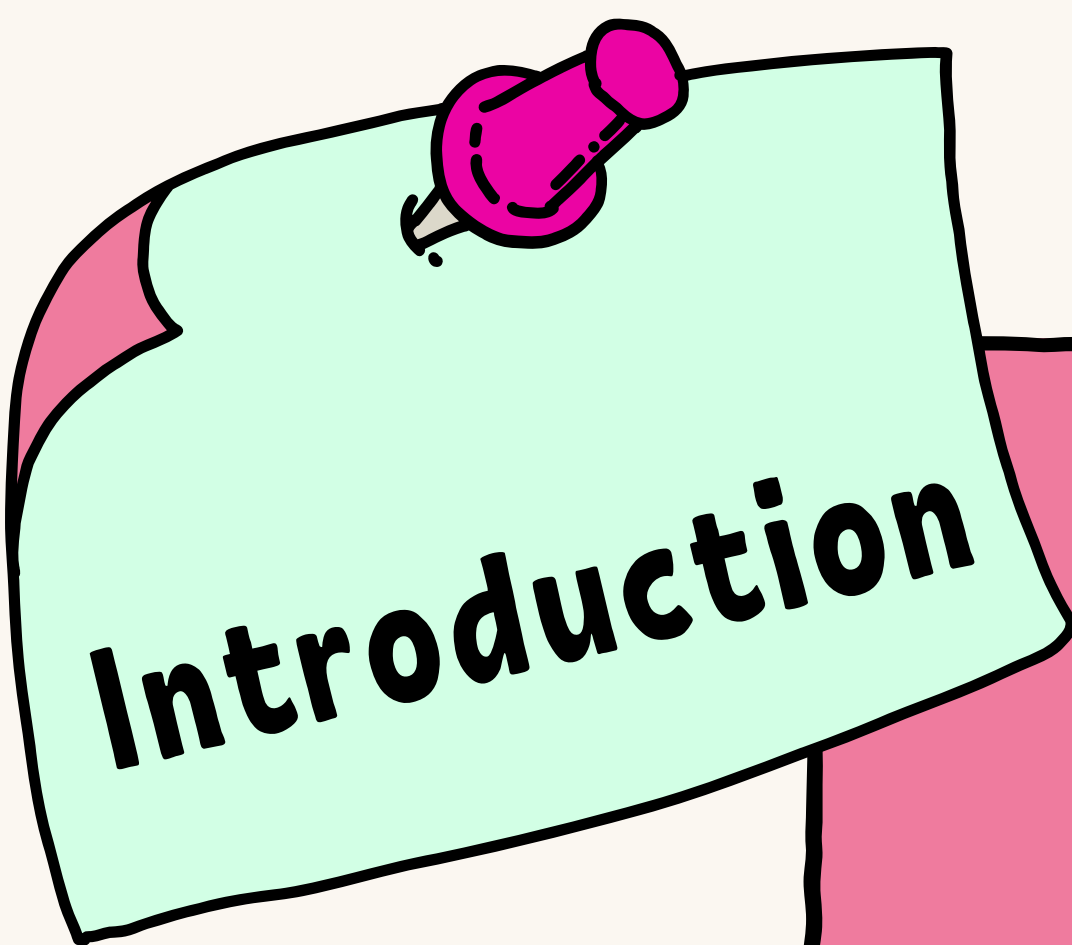
By Prateek Bhardwaj



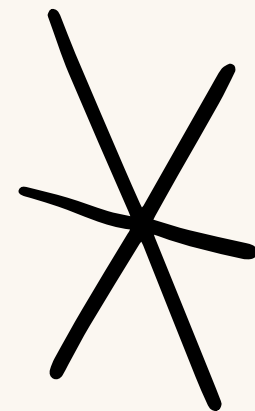
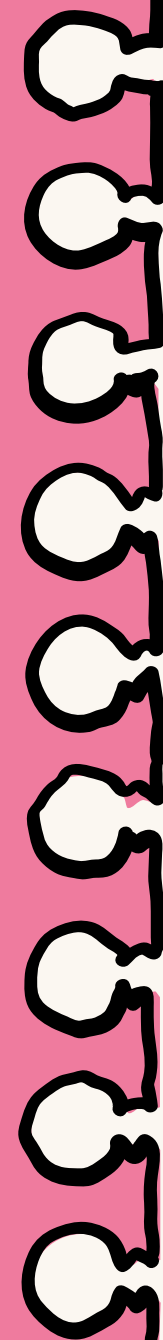
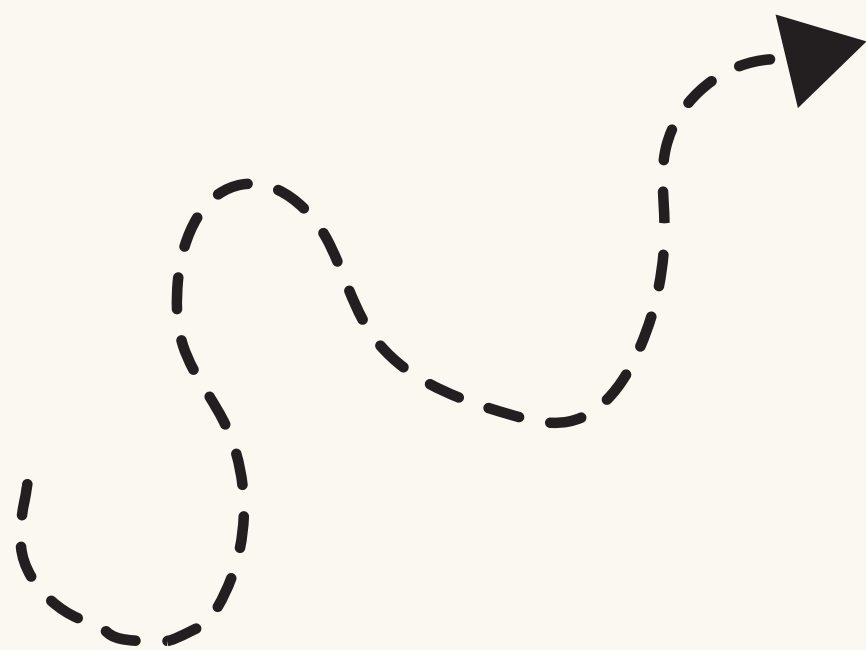
N-Queen



VISUALIZER



1. Overview of the N-Queens problem.
2. Objective: Solve and visualize the N-Queens problem using C++.



# N-QUEEN PROBLEM

**Place N  
queens on an  
 $N \times N$   
chessboard**

**No two queens  
should attack  
each other.**



# VISUALIZER



- **CONSOLE  
INITIALIZATION**

- **SOLVE N-  
QUEEN  
PROBLEM**

- **VISUALIZER  
INITIALIZATION**

- **PRINT THE  
DESIERED  
OUTPUT**



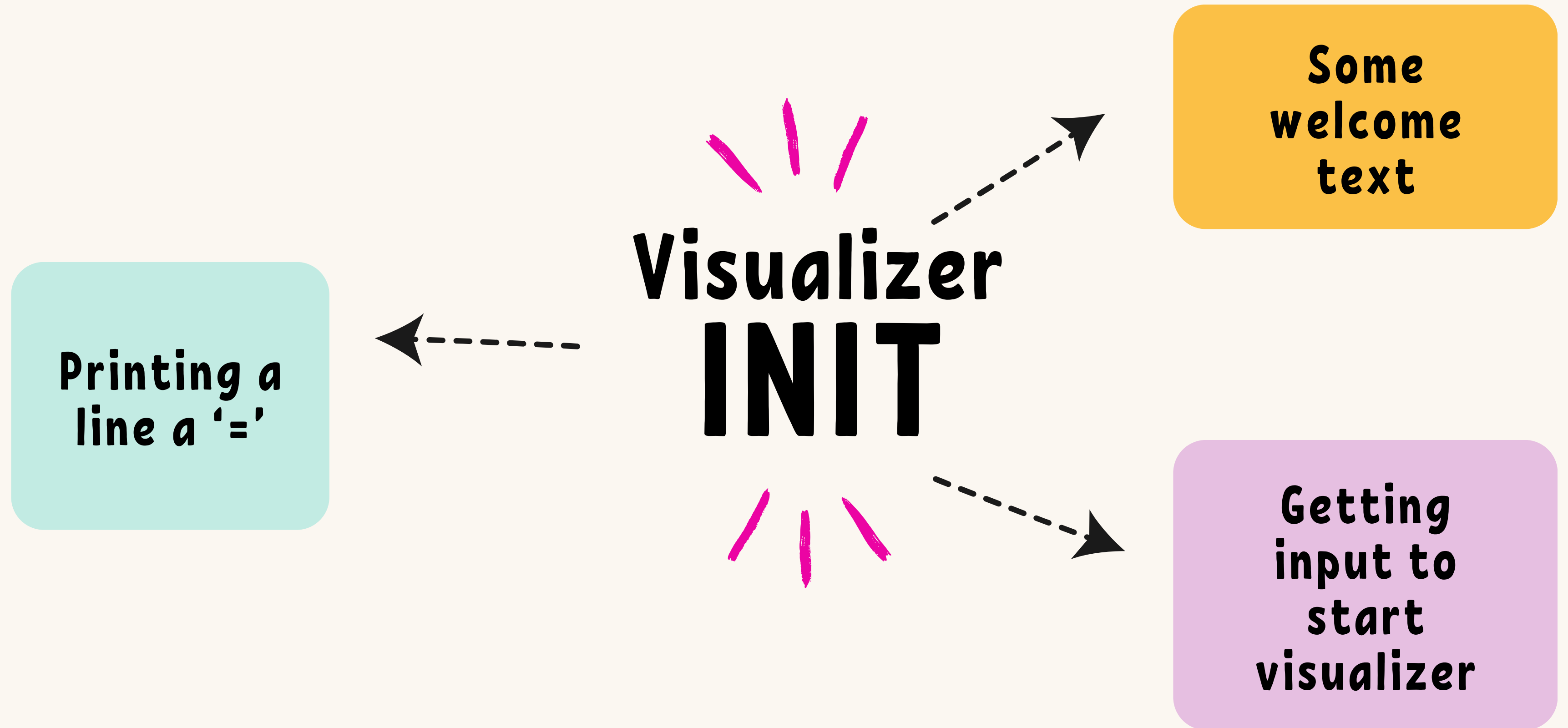
# CONSOLE INIT

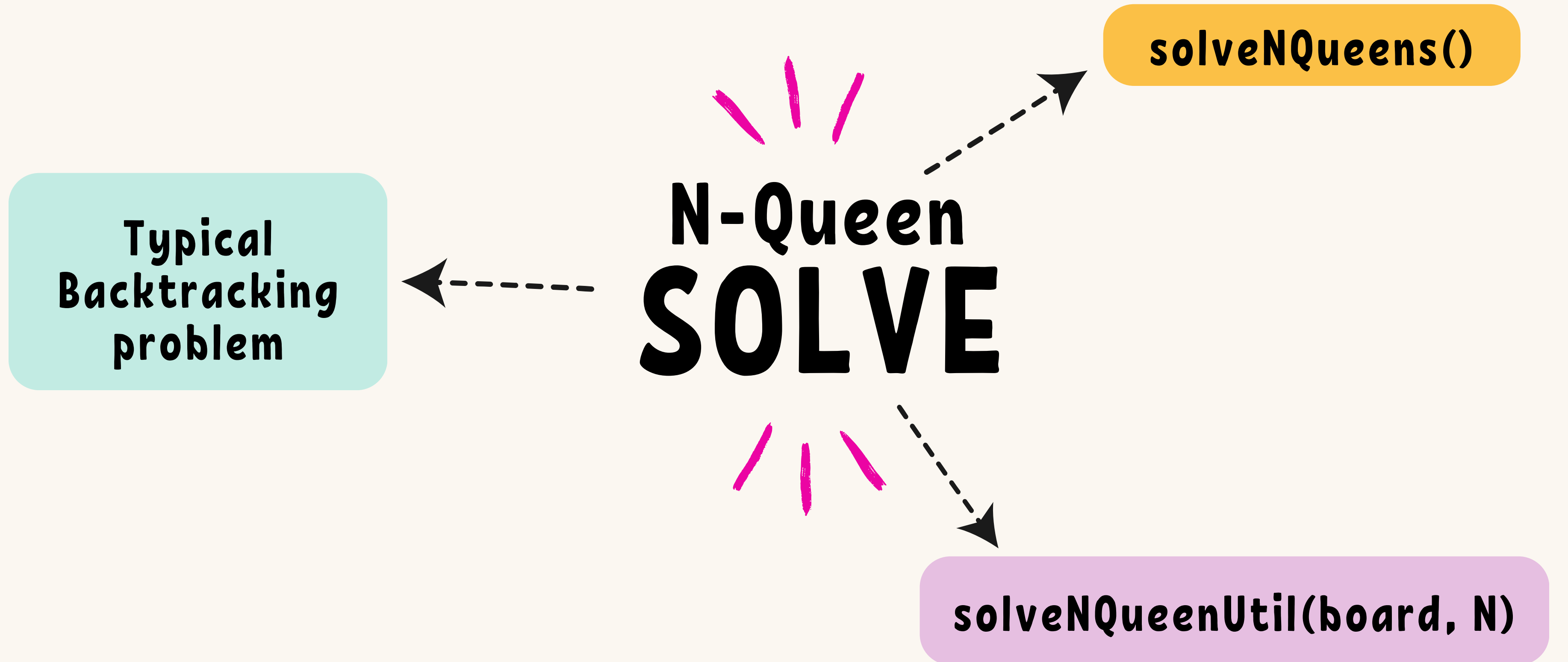
```
graph TD; A[CONSOLE INIT] --> B[Setting console encoding to UTF8]; A --> C[Getting console width]; A --> D[Make cursor invisible];
```

**Setting  
console  
encoding to  
UTF8**

**Getting  
console  
width**

**Make cursor  
invisible**





THANK  
YOU!

