Sorting

# Hello, Everyone.

"An algorithm must be seen to be believed."

"Algorithms are central objects of study in Computer Science."

"Algorithms are apprehensible magics."

"An algorithm is like a recipe."

"A picture speaks more than thousand words"

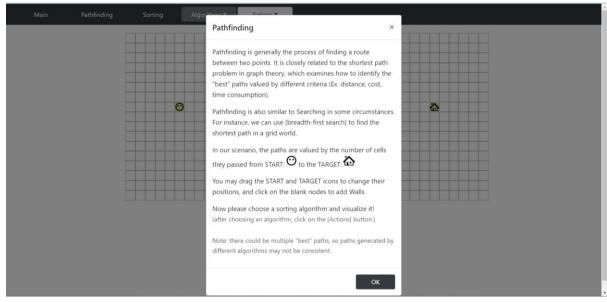
This tool can help beginners and even experienced programmers to visualize algorithms in a better manner.

Click on one of the categories below to visualize algorithms.

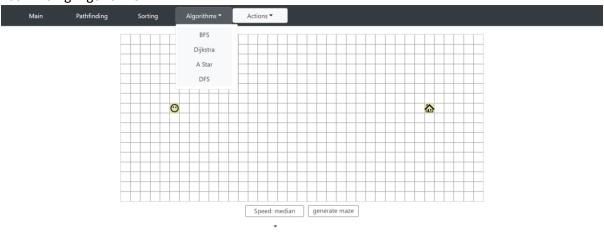
PATH FINDING

SORTING

#### Pathfinding Intro:

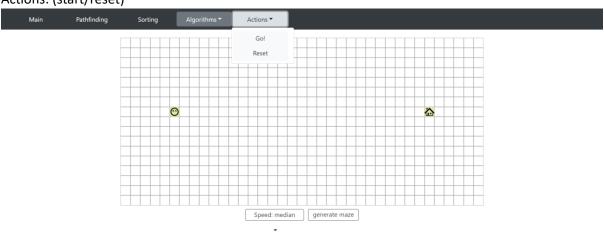


### PathFinding Algorithms:



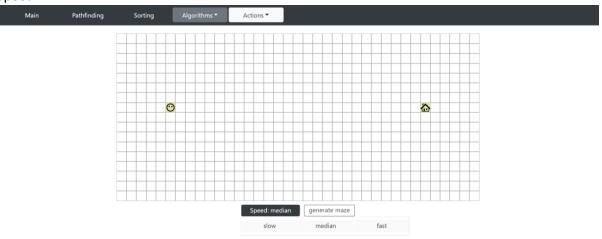
Welcome to Path Finding. Select an algorithm first.

# Actions: (start/reset)



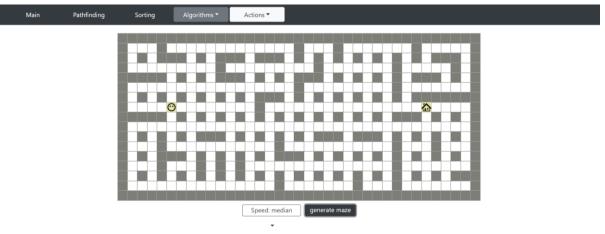
Welcome to Path Finding. Select an algorithm first.

### Speed:

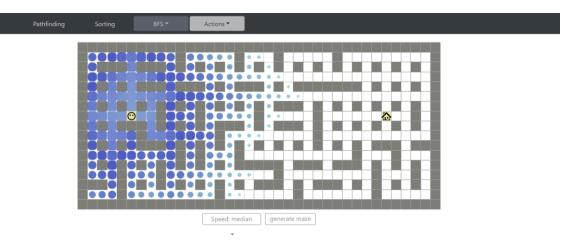


Welcome to Path Finding. Select an algorithm first.

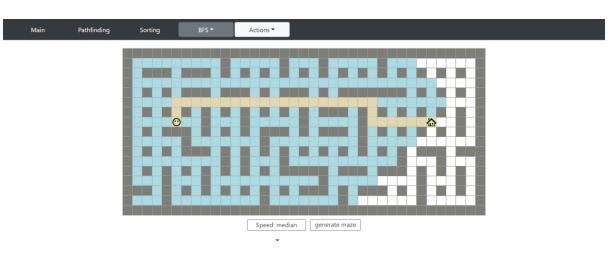
#### Maze Generation:



Welcome to Path Finding. Select an algorithm first.

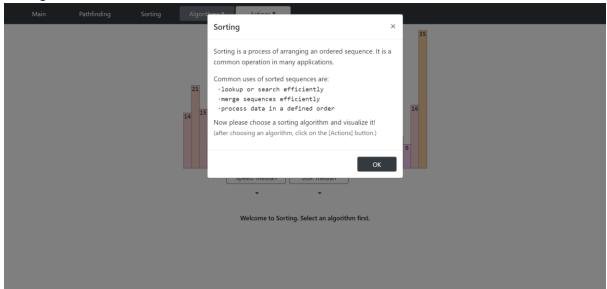


Breath-first Search Algortihm: is unweighted and guarantees the shortest path!



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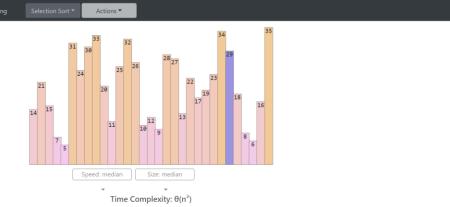
### Sorting intro:



# Sorting Algorithms:



Welcome to Sorting. Select an algorithm first.



 $\label{thm:continuous} \textbf{Selection Sort: } \textbf{repeatedly find the minimum element from the unsorted part and append it to the sorted part.} \\$ 



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