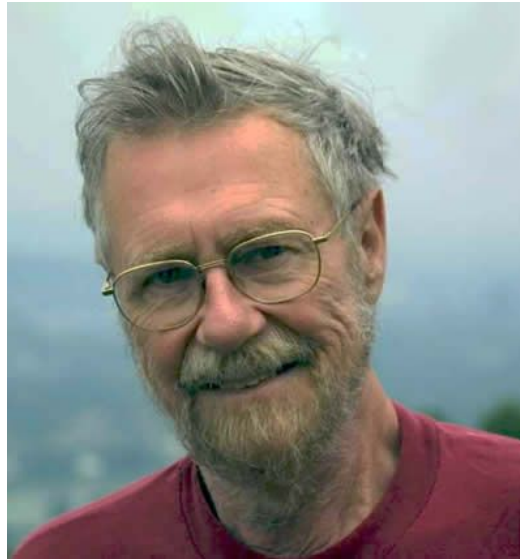


# Edsger Dijkstra

A presentation by  
Danny

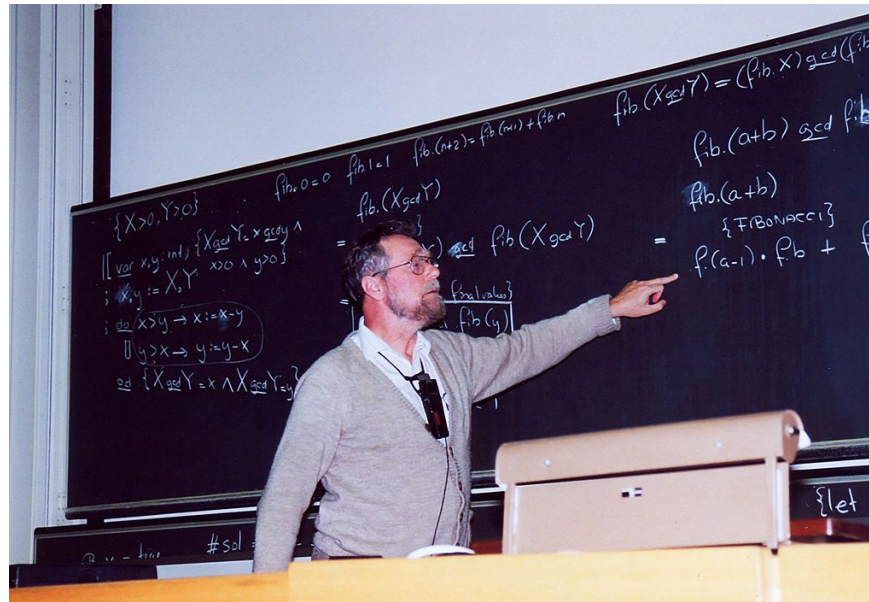


# Life

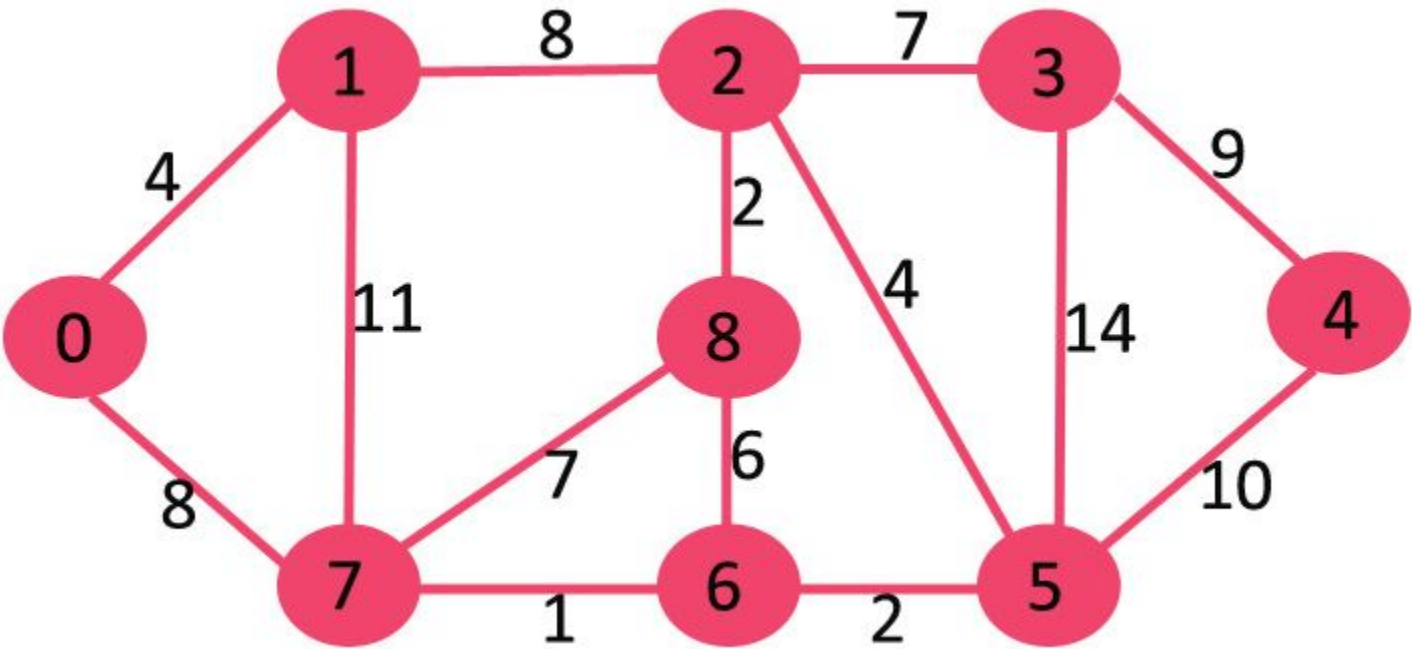
- He Graduated Leiden university in 1956
- He was the first Netherlands programmer.
- He also got the Schlumberger Centennial Chair in 1984

# Mathematical Accomplishments

- Edsger Dijkstra discovered Dijkstra's algorithm. This algorithm finds the shortest path from one node on the graph to another node on a graph.
- Dijkstra's algorithm is used today for things like road maps on our phones.



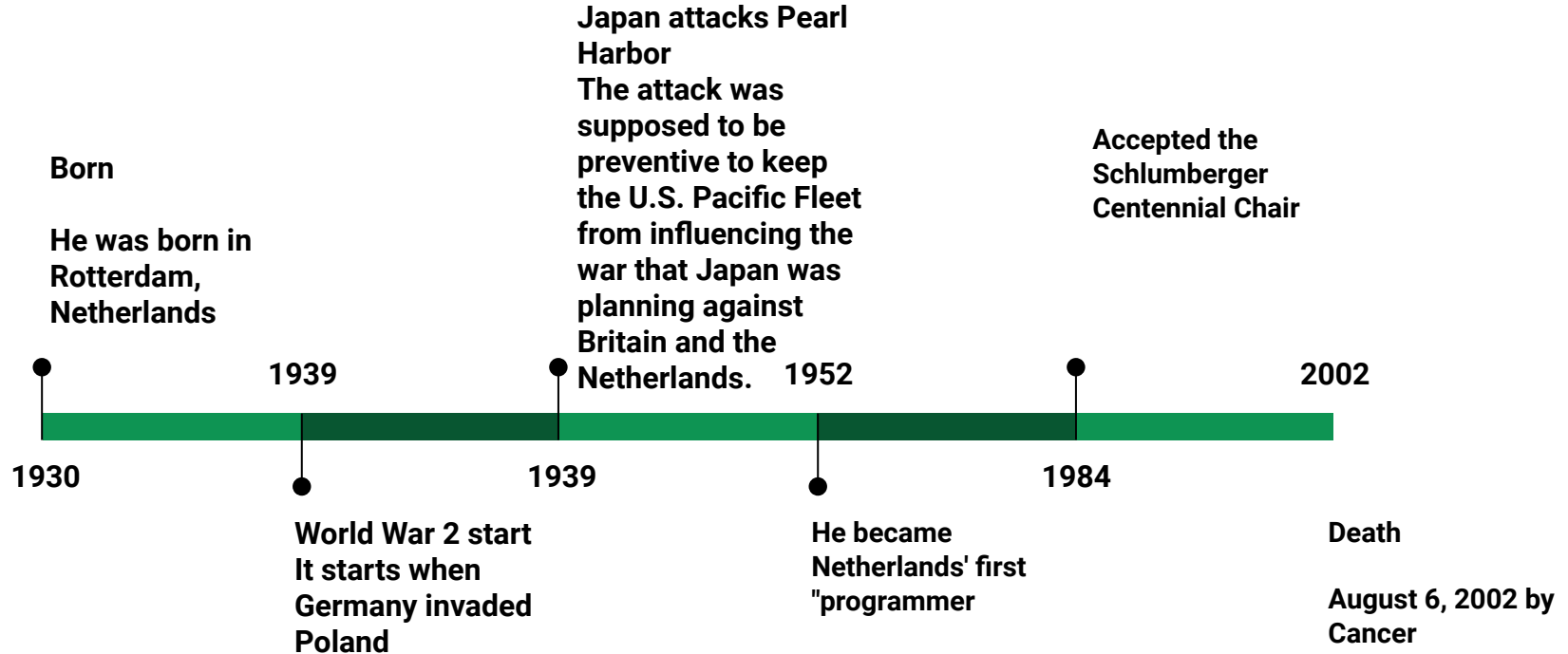
# Dijkstra's algorithm, Diagrammed



# Mathematical Accomplishments: Importance

Dijkstra's algorithm is used today for things like road maps on our phones. The map applications find the shortest distance from your location to your destination. Without this algorithm it would be hard to find out the most efficient means of getting somewhere.

# Timeline



# Sources

<https://www.geeksforgeeks.org/dijkstras-shortest-path-algorithm-greedy-algo-7/>

<http://cs.smith.edu/~istreinu/Teaching/Courses/274/Spring98/Projects/Philip/fp/dijkstra.htm>

[https://everythingcomputerscience.com/algorithms/Dijkstras\\_Algorithm.html](https://everythingcomputerscience.com/algorithms/Dijkstras_Algorithm.html)

<https://brilliant.org/wiki/dijkstras-short-path-finder/>