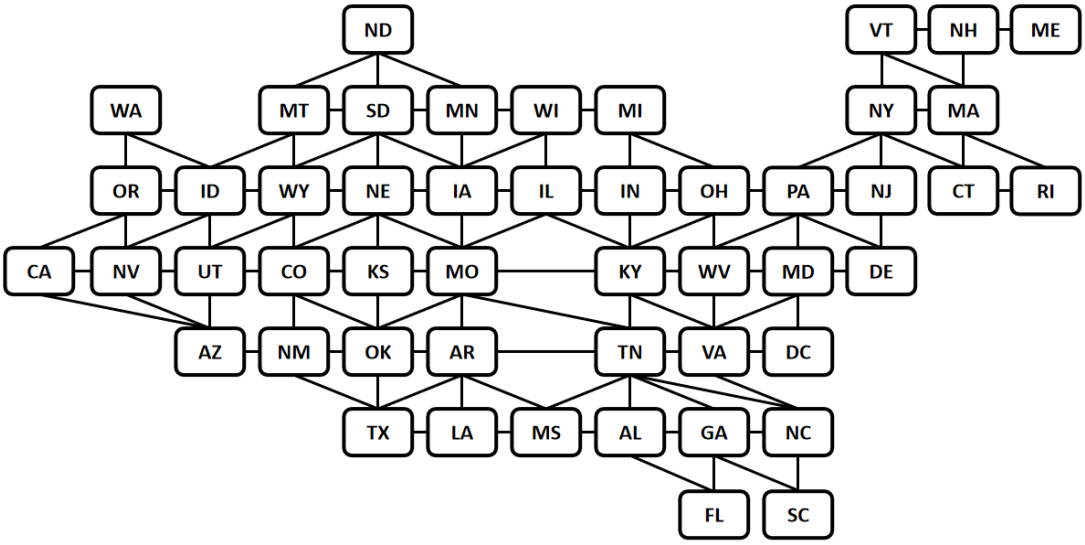
Consider the graph presented below. Each node represents a single state (or the District of Columbia (DC)). If two states are neighbors, there is an edge between them.



A graph representing all 48 contiguous US states and District of Columbia.

Assume that edge weights represent **driving distances between state capitals**.

Task: implement in Python two informed search algorithms:

- Greedy Best First Search algorithm
- A* algorithm

and apply them **to find a path between two state capitals using provided data.**

The program will:

- Accept two (2) command line arguments corresponding to two states / state capitals (initial and goal states) so your code could be executed with

```
python search_alg.py INITIAL GOAL
```

  where:
  - `search_alg.py` is your python code file name,
  - `INITIAL` is the label/name of the initial state,
  - `GOAL` is the label/name of the initial state.

Data provided:

- `driving.csv`
  - Represents states and their **driving distances** between each other
- `straightline.csv`
  - Represents states and their **straight-line distances** between each other