



Courses

Practice

Roadmap

Pro



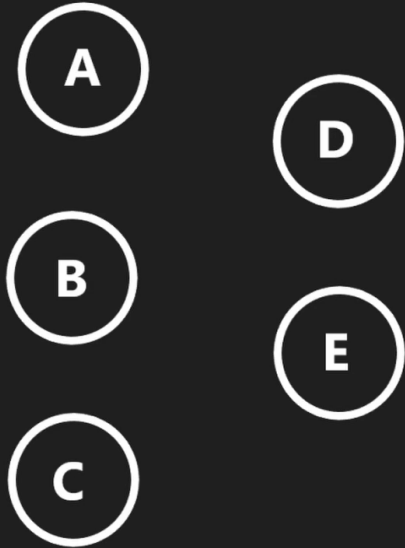
Algorithms and Data Structures for Beginners

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31 - Adjacency List

Graphs

Adjacency List



```
# GraphNode used for adjacency list
class GraphNode:
    def __init__(self, val):
        self.val = val
        self.neighbors = []

# Or use a HashMap
adjList = { "A": [], "B": [] }

# Given directed edges, build an adjacency list
edges = [{"A", "B"}, {"B", "C"}, {"B", "E"}, {"C", "E"}, {"E", "D"}]

adjList = {}

for src, dst in edges:
    if src not in adjList:
        adjList[src] = []
    if dst not in adjList:
        adjList[dst] = []
    adjList[src].append(dst)
```






Mark Lesson Complete

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27 Hash Implementation

Suggested Problems

Status	Star	Problem 	Difficulty 	Video Solution	Code
<input type="checkbox"/>		Clone Graph	Medium		
<input type="checkbox"/>		Course Schedule	Medium		

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