Programming fundamentals with Python

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Plan for today

Path finding in graphs

Weighted graphs

Lab session

Pathfinding

Pathfinding

Let's implement a path finding algorithm for our directed graphs from last session

Pathfinding

Pathfinding

We've seen the **find_path** function. Create a function for finding all
paths now!

Weighted graphs

Weighted graphs are graphs in which the edges have a weight. Imagine a graph describing distances between points in space, that's a weighted graph.

Weighted graphs

How would you model a **directed weighted graph** in Python?

Weighted graphs

Modify the **find_path** function to make it work on weighted graphs.

Lab session

Checkout last assignment