Friends in Common

Description:

Write a function friends_in_common(graph, person1, person2) that takes a graph represented as a dictionary and two people (nodes) as input, and returns a list of friends they have in common. If there are no friends in common, return an empty list.

Input: - graph (dict): A dictionary representing the graph

where each key is a person and the corresponding value is a list of that person's friends. - person1 (str): The first person whose common friends you want to find. - person2 (str): The second person whose common friends you want to find.

Output: - A list of friends that person1 and person2 have in common.

If there are no common friends, return an empty list. ### Example:

graph = { "Alice": ["Bob", "Charlie"], "Bob": ["Alice", "Charlie", "David"], "Charlie": ["Alice", "Bob"], "David": ["Bob"] }

friends_in_common(graph, "Alice", "Bob")

Output: ["Charlie"]

Constraints:

- The graph is non-empty, and each person (node) is represented as a unique key in the dictionary.
- The function should use a dictionary to store the graph and find common friends.