Do not write anything on this

matching = nx.bipartite.matching.
hopcroft_karp_matching
(G, top_nodes = paper_nodes)

```
assignment = {}
for i in papers:
    pi = f"P{i}"
    if pi in matching:
        peer_node = matching[pi]
        peer_id = int(peer_node[1:])
        assignment[i] = peer_id
    else:
        return None
```

conflicts

papers = [0, 1, 2, 3, 4]

peers = [0, 1, 2, 3, 4]

result = distribute_papers(peers, papers)

if result is None:
    print("No valid assignment")

else:
    print("\nPaper -> Peer assignment
    found (Example2)")