Exp1. Uninformed search (bfs)

```
from collections import deque
# Breadth-First Search algorithm
def bfs(graph, start_node, target):
visited = set()
queue = deque([start_node])
while queue:
current_node = queue.popleft()
if current_node == target:
return f"Target node {target} found!"
if current_node not in visited:
visited.add(current_node)
print(f"Visited: {current_node}")
for neighbor in graph[current_node]:
if neighbor not in visited:
queue.append(neighbor)
return f"Target node {target} not found in the graph."
graph = {
'A': ['B', 'C'],
'B': ['A', 'D', 'E'],
'C': ['A', 'F'],
'D': ['B'],
'E': ['B', 'F'],
'F': ['A', 'E']
}
result = bfs(graph, 'A', 'F')
print(result)
```