main.py

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```python
ollections import deque

def bfs(graph, start):
    visited = set()
    queue = deque([start])

    while queue:
        vertex = queue.popleft()
        if vertex not in visited:
            print(vertex, end=" ")
            visited.add(vertex)
            queue.extend(neighbor for neighbor in graph[vertex] if neighbor not in visited)

# Example graph as adjacency list
graph = {
    'A': ['B', 'C'],
    'B': ['A', 'D', 'E'],
    'C': ['A', 'F'],
    'D': ['B'],
    'E': ['B', 'F'],
    'F': ['C', 'E']
}

# Starting BFS from node 'A'
print("BFS Traversal:")
bfs(graph, 'A')
```

Output Clear

```
BFS Traversal:
A B C D E F
=== Code Execution Successful ===
```