

```
from queue import Queue

def bfs_traversal(adj_list, start_vertex):
    visited = set()
    q = Queue()
    q.put(start_vertex)

    while not q.empty():
        current_vertex = q.get()
        if current_vertex not in visited:
            print(f"Visited vertex {current_vertex}")
            visited.add(current_vertex)
            for neighbor in adj_list.get(current_vertex, []):
                q.put(neighbor)

if __name__ == "__main__":
    adjacency_list = {
        0: [1, 3],
        1: [0, 2, 3],
        2: [1, 4, 5],
        3: [1],
        4: [2],
        5: [2]
    }
    starting_vertex = 0
    bfs_traversal(adjacency_list, starting_vertex)
```



```
-----
NameError                                Traceback (most recent call last)
<ipython-input-1-341d8391f668> in <cell line: 16>()
     14         q.put(neighbor)
     15
----> 16 if __name__ == "__main__":
     17     adjacency_list = {
     18         0: [1, 3],

NameError: name '__name__' is not defined
```

SEARCH STACK OVERFLOW