BFS TRAVERSAL

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BFS CODE:

```python
graph = {
    'A' : ['B','C'],
    'B' : ['D', 'E'],
    'C' : ['F'],
    'D' : [],
    'E' : ['F'],
    'F' : []
}
visited = []
queue = []

def bfs(visited,graph,node):
    visited.append(node)
    queue.append(node)

        (variable) closenode: Any
    whil
        closenode=queue.pop(0)
        print("closing the nodde",closenode)
        for neighbour in graph[closenode]:
            if neighbour not in visited:
                visited.append(neighbour)
                queue.append(neighbour)



bfs(visited,graph,'A')

print("changes in the github")
```

OUTPUT:

```
ython311/python.exe" "c:/Users
/Pugazh Mukilan/Desktop/SEM -
4/Artifical Intellgence - F2/L
AB/BFS.py"
closing the nodde A
closing the nodde B
closing the nodde C
closing the nodde D
closing the nodde E
closing the nodde F
```