

Lab-3 8puzzle - bfs

```
def bfs (src, target):  
    queue = []  
    queue.append(src)  
    exp = []  
    while len(queue) > 0:  
        source = queue.pop(0)  
        exp.append(source)  
        print(source)  
        if source == target:  
            print("success")  
            return
```

```
    poss_moves_to_do = []  
    poss_moves_to_do = possible_moves(source, exp)
```

```
    for move in poss_moves_to_do:
```

```
        if move not in exp & move not in queue:
```

```
            queue.append(move)
```