

Python Password Generator



```
def binary_search(arr, val):  
    if len(arr) == 0 or len(arr) == 1 and arr[0] != val:  
        return False  
    mid = len(arr) // 2  
    if val == arr[mid]:  
        return True  
    elif val < arr[mid]:  
        return binary_search(arr[:mid], val)  
    else:  
        return binary_search(arr[mid:], val)
```