

# Next Smaller element to right

---

```
def nextSmallerElementRight(arr):  
    stack = []  
    ans = [None]*len(arr)  
    for i in range(len(arr)-1,-1,-1):  
        while len(stack)>0 and stack[-1]>arr[i]:  
            stack.pop()  
        ans[i] = stack[-1] if len(stack) else -1  
        stack.append(arr[i])  
    return ans
```

```
arr = [2, 5, 9, 3, 1, 12, 6, 8, 7]  
print(nextSmallerElementRight(arr))
```