

```
def recherche(elt, tab):  
    indices = []  
    n = len(tab)  
    for i in range(n):  
        if tab[i] == elt:  
            indices.append(i)  
    return indices  
  
assert recherche(3, [3, 2, 1, 3, 2, 1]) == [0, 3]  
assert recherche(4, [1, 2, 3]) == []
```