

2022 sujet 8

Exercice 1

```
def recherche(elt, tab):
    indice = -1
    for i in range(len(tab)):
        if tab[i] == elt:
            indice = i
            break
    return indice
```

Exercice 2

```
def insere(a, tab):
    l = list(tab) # l contient les mêmes éléments que tab
    l.append(a)
    i = len(tab) - 1 # On commence à l'avant dernier élément de l
    while a < l[i] and i >= 0:
        l[i+1] = l[i]
        l[i] = a
        i = i - 1
    return l
```