

2022 sujet 31

Exercice 1

```
def recherche(a, t):  
    c = 0  
    for e in t:  
        if a == e:  
            c += 1  
    return c
```

Exercice 2

```
def rendu_monnaie_centimes(s_due, s_versee):  
    pieces = [1, 2, 5, 10, 20, 50, 100, 200]  
    rendu = []  
    a_rendre = s_versee - s_due  
    i = len(pieces) - 1  
    while a_rendre > 0 :  
        if pieces[i] <= a_rendre :  
            rendu.append(pieces[i])  
            a_rendre = a_rendre - pieces[i]  
        else :  
            i = i - 1  
    return rendu
```