

Sujet 21

Exercice 1

```
def nb_repetitions(elt, tab):  
    nb = 0  
    for e in tab:  
        if elt == e:  
            nb = nb + 1  
    return nb
```

Exercice 2

```
def binaire(a):  
    bin_a = str(a%2)  
    a = a // 2  
    while a != 0 :  
        bin_a = str(a%2) + bin_a  
        a = a // 2  
    return bin_a
```