

2024 sujet 33

Exercice 1

```
def renverse(ch):  
    s = ""  
    for c in ch:  
        s = c + s  
    return s
```

Exercice 2

```
def crible(n):  
    """Renvoie un tableau contenant tous les nombres premiers  
    plus petits que n."""  
    premiers = []  
    tab = [True] * n  
    tab[0], tab[1] = False, False  
    for i in range(n):  
        if tab[i]:  
            premiers.append(i)  
            multiple = 2*i  
            while multiple < n:  
                tab[multiple] = False  
                multiple = multiple + i  
    return premiers
```