

Exercice 1 :

```
1) for i in range (1, 4) :  
    elem = liste[i]  
    pos = i  
    while pos > 0 and liste[pos - 1] > elem :  
        liste[pos] = liste[pos - 1]  
        pos = pos - 1  
    liste[pos] = elem
```

```
-1  
elem = 10  
pos = 1  
while pos > 0 and liste[pos-1] > elem :  
    1) RIEN
```

```
-2  
elem = 5  
pos = 2  
while pos > 0 and liste[pos-1] > elem :  
    1) liste[2] = liste [1] = 10  
       [8, 10, 10, 7]  
    pos = 2 - 1 = 1  
    2) liste[1] = liste[0] = 10  
       [8, 8, 10, 7]  
    pos = 0  
    liste[0] = 5  
       [5, 8, 10, 7]
```

```
-3  
elem = 7  
pos = 3  
while pos > 0 and liste[pos-1] > elem :  
    1) liste[3] = liste[2] = 10  
       [5, 8, 10, 10]  
    pos = 2  
    2) STOP  
    liste[2] = 7  
    [5, 8, 7, 10]
```

2)