

TP - Exercices sur les tris - Corrigé

I Tri sur un ordre particulier

1.

```
1 def compare(T, i, j):
2     n, ch1 = T[i]
3     p, ch2 = T[j]
4
5     if n < p:
6         return True
7     elif n == p and ch1 < ch2:
8         return True
9
10    return False
```

2.

```
1 def triInsertion(T):
2     n = len(T)
3
4     for i in range (n):
5         a = i
6         j = i - 1
7
8         while j >= 0 and compare(T, a, j):
9             T[j+1], T[j] = T[j], T[j+1]
10            j = j - 1
11            a = a - 1
12    return(T)
```