QUESTION 5.1.1 UNION-FIND: WEIGHTED QUICK-UNION

	Find	Union
Quick-find	1	O(n)
Quick-union	O(n) Hauteur de l'arbre	O(n) Hauteur de l'arbre
Weighted quick-union	O(log(n))	O(log(n))
Better?	?	?

QUESTION 5.1.1 UNION-FIND: PATH-COMPRESSION + WEIGHTED

SANS COMPRESSION

```
int find(int a) { //O(log n)
    if(tab[a] != a)
       return find(tab[a]);
    return a;
}
```

AVEC COMPRESSION

```
int find(int a) { //O(log n) ?
    if(tab[a] != a)
       tab[a] = find(tab[a]);
    return tab[a];
}
```