

```
Creer-Ensemble(x:objet)
```

```
Debut
```

```
    x.pere <- x;
```

```
    x.rang <- 0;
```

```
Fin
```

```
fonction Trouver-Ensemble(x:objet) : objet
```

```
var y : objet
```

```
Debut
```

```
    y <- x;
```

```
    Tant que y.pere != y Faire
```

```
        y <- y.pere;
```

```
    FinTantQue
```

```
    Retourner y;
```

```
Fin
```

```
Union-Ensemble(x,y:objet)
```

```
Debut
```

```
    x <- Trouver-Ensemble(x);
```

```
    y <- Trouver-Ensemble(y);
```

```
    Si (x != y) Alors
```

```
        x.pere <- y
```

```
        y.rang ++
```

```
    FinSi
```

```
Fin
```