

[\[Browse source program\]](#) [\[Execute source program\]](#)

```
sort []      = []
sort (x:xs) = insert x (sort xs)
insert x []  = [x]
insert x (y:ys) | x <= y    = x:y:ys
                  | otherwise = y : insert x ys

-- sort [3,5,1,2,6,7,8,9] => [1,2,3,5,6,7,8,9]
```