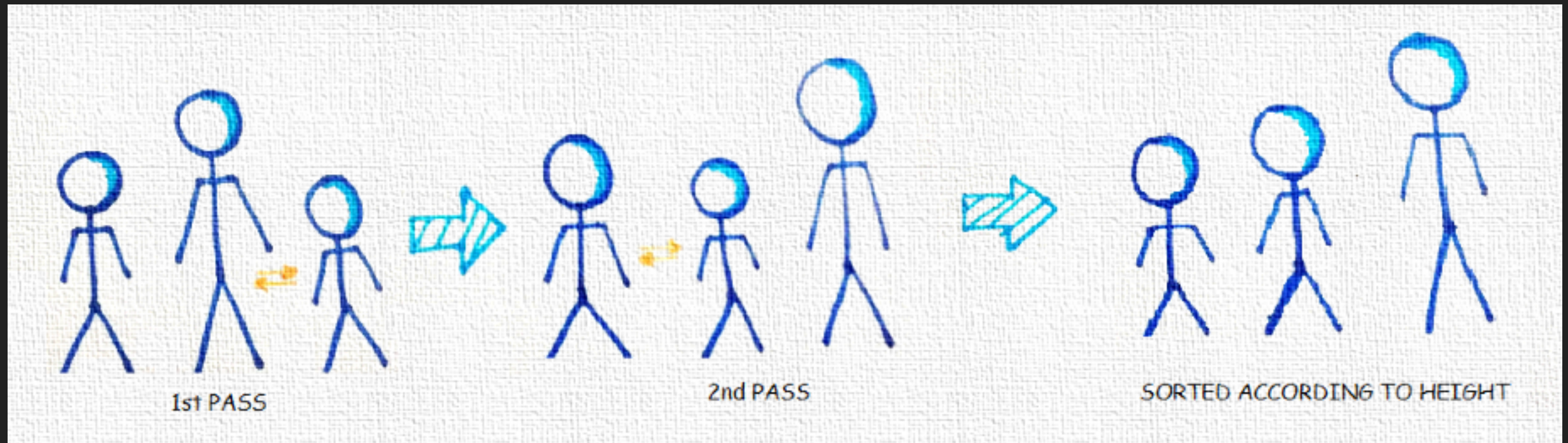


## SORTING METHODS

# BUBBLE SORT REAL LIFE EXAMPLE



### SELECTION SORT

- ▶ It is an in place comparison sort.
- ▶ Time complexity of  $O(n^2)$ , therefore it is inefficient on large lists.
- ▶ Noted for its simplicity.
- ▶ Better alternative to complex algorithms in scenarios where auxiliary memory is limited.