## Grunnhugmyndir nokkurra röðunaraðferða

Snorri Agnarsson snorri@hi.is

## Insertion sort fastayrðing

Í vaxandi röð

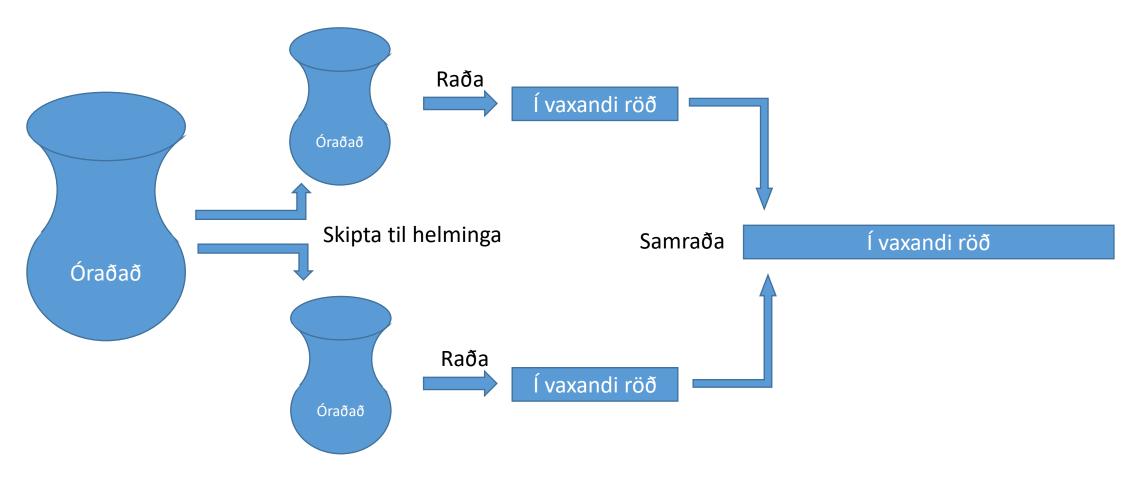


## Selection sort fastayrðing

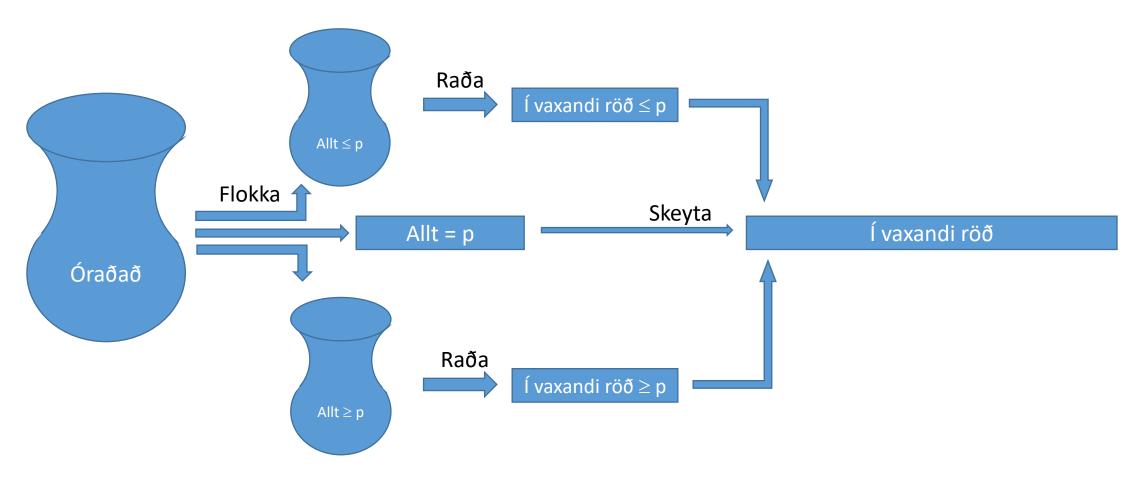
Minnstu í vaxandi röð



## Merge sort grunnhugmynd



## Quicksort grunnhugmynd

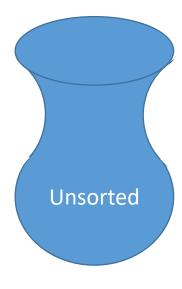


# Fundamental Ideas Behind Some Sorting Methods

Snorri Agnarsson snorri@hi.is

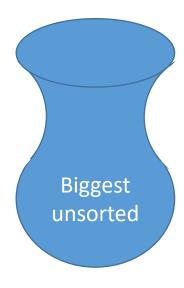
### Insertion sort invariant

In ascending order

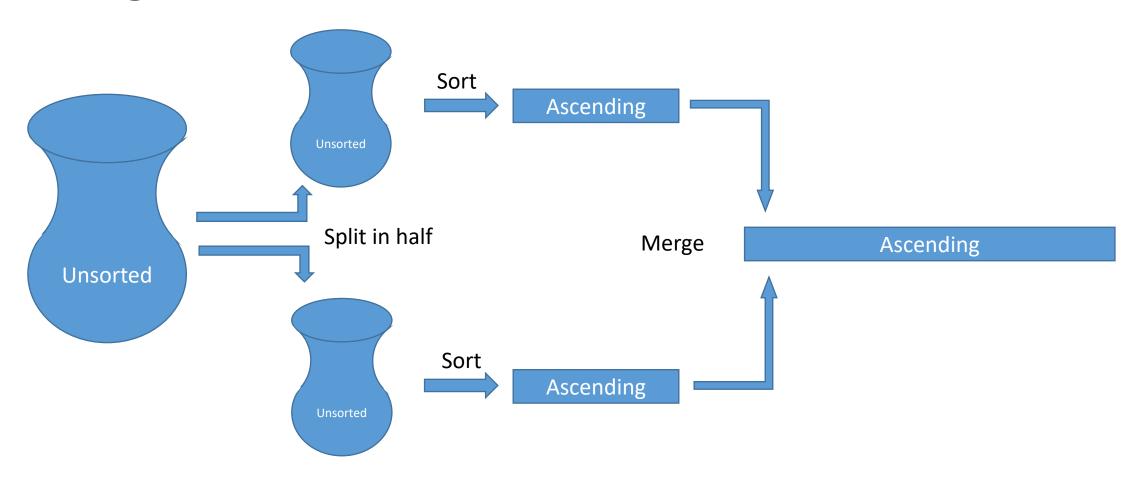


#### Selection sort invariant

Smallest in ascending order



### Merge sort fundamental idea



### Quicksort fundamental idea

