

# Flipped Classes for Sorting Algorithms

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## Overview

A sorting algorithm is an algorithm that puts elements of a list in a certain order. Efficient sorting is important for optimizing the efficiency of other algorithms which require input data to be in sorted lists. Sorting is also often useful for producing human-readable output. Many computer scientists consider

## Aims and objectives

- To understand the idea of sorting algorithms.
- To be able to explain and implement elementary sorting algorithms and efficient sorting algorithms.

## Activity

The flipped classroom is implemented for algorithms learning and the activities are as follows:

- lecturer provides the video for sorting algorithms.
- students watch the videos.
- lecturer summarizes the concept of each algorithm.
- students do the exercises.



## Outcome

Lecturer considers the outcomes of this learning activities (flipped classroom) and the results present that the flipped classroom is a useful technique for algorithms learning.

