A screenshot of a computer screen

Description automatically generatedA screenshot of a computer screen

Description automatically generatedA screenshot of a computer screen

Description automatically generated

Swapping without temp variable

Swapping with temp variable

A screen shot of a computer

Description automatically generated

Key Points to remember

Arranging things according to a condition is known as **sorting.**

We arrange things to make searching better.

We can sort given list of elements either in ascending order or descending order

Using swapping technique, values of two variables are exchanged.

For a list of 5 elements, maximum number of comparisons are 25

Python Implementation of Bubble Sort without temp variable

Python Implementation of Bubble Sort Algorithm