Radix Algorithm (Java type).

Image examples of how it functions.

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A screenshot of a computer

Description automatically generated with low confidence

. What is a sorting algorithm?

A sorting algorithm is a type of strains of code that used to rearrange a given array or list elements according to the comparison operator of the elements. The comparison operator is used to decide what type of order will the element be in the respected data structure.

. What is a radix algorithm?

A radix algorithm/radix sort is a type of counting sort algorithm that sorts out certain elements (numbers) by first grouping the individual digits of the same place value. Then sort the other digits according to their increasing/decreasing order. This type of algorithm mostly uses integer values, but it is also able to implement string values.

. Why is it important to use sorting algorithms? And how people implement them.

The reason why sorting algorithms are important for people to uses is that these strains of code help us reorganize certain elements which help reduce the complexity of the problem. These algorithms are important for everyday usage such as, organizing the surnames of people in a bank or store valuable information in commercial computing or operations research.

A picture containing text, whiteboard

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