Introduction

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In the Computer Science. Sorting

Leter to the operation of amarging date in Somegiven

Sequence. re Incheasing order or decreasing order. Two types of Sorting

Internal Sorting! we are arranging the numbers with in the arrange only which is in computer promany memory.

External Sorting! The Sorting of numbers From the external file by seading it from Secondary

Sorting let P be a list of m elements P, P2, B. .. Pn in memory. Sorting P means arranging the contents of P in wither increasing or cleareesing ordure.

 $P_1 \leq P_2 \leq P_3 \leq P_4 \leq P_5 \cdot \dots \leq P_n$

There are on elements in the lest, therefore their are m! ways to arrange them.