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Experiment 2: Divide and conquer approach
- monge and quick sout
in this experiment, if analysed and compared
the performance of quicksore and mongerone.

Methodology:

· Generated 100,000 random number wing wards)

Junction and stored in a fire.

· Divided into 610(K) [0-100][0-2007, --.

Quick 8011: we select a pivot element and partition evay that two subarrayse elements less than pivot 90 to selt and recurringly apply quicksoft.

Mayer sort we divide assign into two foods haves, sort them oreconsivery, and merger back in a sorted oorder by merging them in a sorted order.

Goen algoritms have a time complexity

g o(nlogn) and o(n) stock space (recordine)