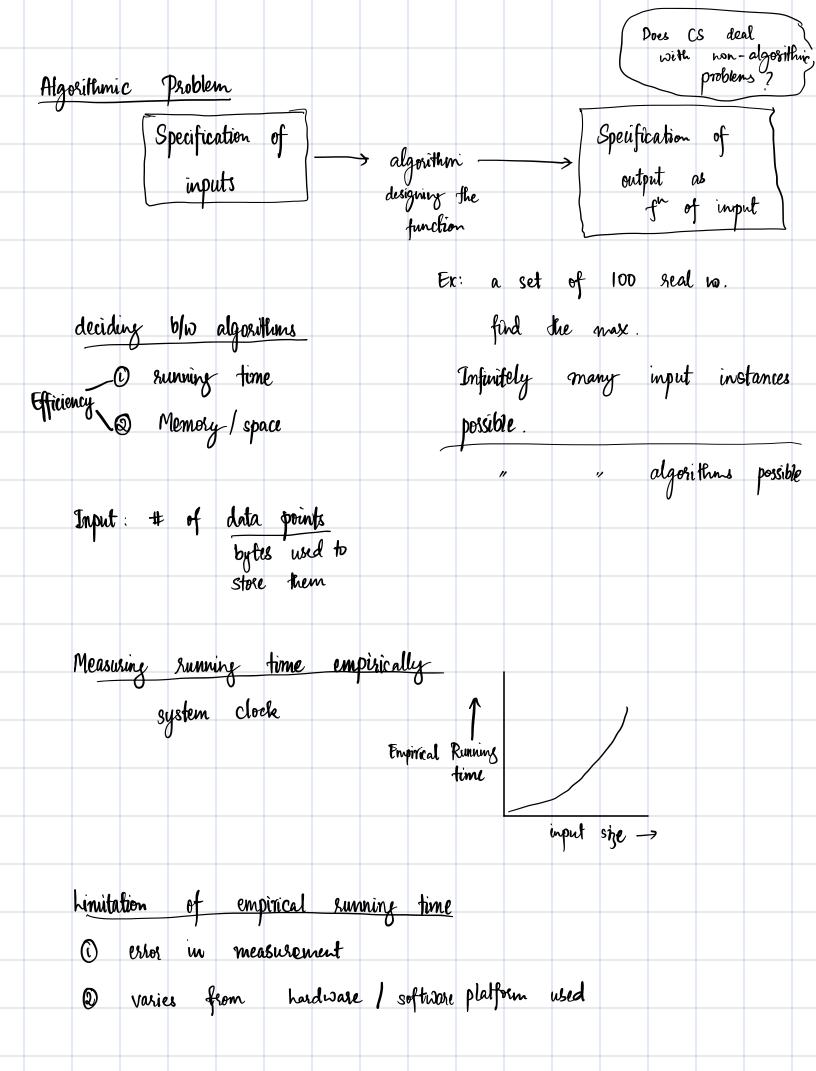
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3 Experiments can be done only on a limited set of inputs, and this may not be indicative about all Those inputs that were not considered. (4) You need to implement the algorithm. [[1 Remedy: Develop a general methodology for analysing the running time of algo able to comment on running time by looking at high-level description of algorithm (instead of its implement - independent of hardware / strare platform used. - should take care of all possible inputs Ex: computing largest no. of a given imput set. Input: A set of n numbers represented in arry A Output: The max element of A current mox ~ A[0] for i = 1 to n - 1 do

if current max < A[i] then arrent max < A[i] return current max Primitive operations — Data movement (assignment) arithmetic and logic operations most basic operations control operations (branching - if else call setuen toop, etc) By inspecting the algorithm we need to count the no. of primitive operations