Algorithmic Analysis - 1

17 June 2022 22:25

1 Algorithm)-

An algorithm is step by step instructions to so we a given problem.

E.J. Prepare biriyoni

Algorithm 1-

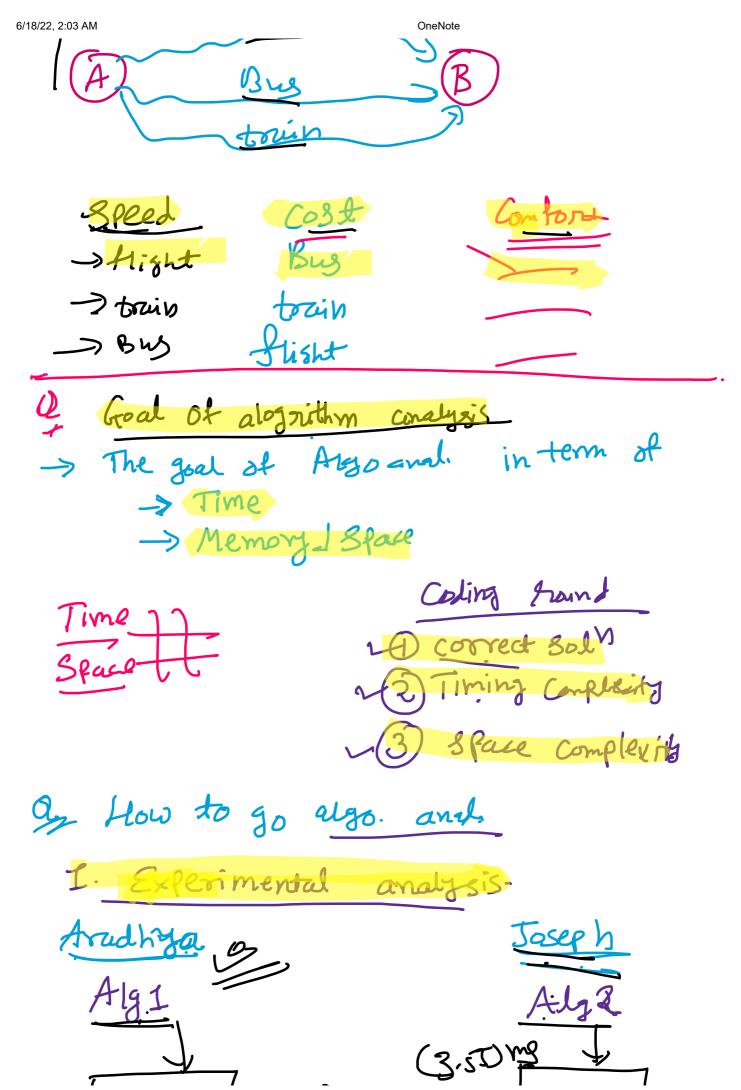
1. Get a forjing fan 2. Take the oil, vice, veg 3. Jurn on the Stave 4. Cook it for somin.

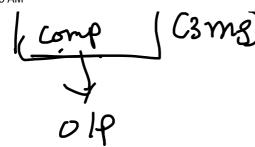
Problem: Penorse the ans. arr- 1, 2, 3, 4, 5 011- 5, 4, 3, 2, 1

Algor 1. Swap 1st & last elem 2. Swap 2nd 2nd lest elem.

1. Read the Prob 2. Device algo 3. Code algo

90-1. Coding





) isadvantuzes: Aradhja > 169b sam Joseph > 496 1

Soln > Machine dependent

Asymptotic analysis

1 => not vely on madine

-> Compare alogrithms based on the input rate of growth

Revers Aradhya

3-5mg

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1=> 5 comp. Sters Comp. 2=> 1 Ster