

# Greedy Solution Template

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## **Goal of the solution**

// Fill out the intention of approaching the solution

## **Optimal Substructure**

// Describe the sub-problems

## **Describe the Algorithm**

// Write down the detail/sudo-code of the algorithm

## **Algorithm Time Analysis**

// Describe the Time Analysis for the algorithm you have mention above.

## **Proof of Correctness**

// Show that the greedy approach will never rule out an optimal solution.