Of 04 2020 II Greedy Method

A greedy algorithm always makes the choice that laoks best at the mount is, it makes a locally optimal choice in the hope that this choice will keed to a globally optimal solution.

• Greedy algorithms do not always yield optimal solutions, but for many perflems they do.

• The greedy method suggest that one can denise an algorithm which works in stages considering lingut at a time.

At each stage, a decision is made regarding whether or not a particular input is in an optimal solution.

• If the inclusion of the most imput into the partially constructed optimal solution will result in an infanible solution, then this input is not added to the partial solution.

• The selection procedure itself is based on some optimization measure.

