

What is a Greedy Algorithm? Examples of Greedy Algorithms

According to the Oxford English Dictionary, **greedy** means **having excessive desire for something without considering the effect or damage done.**

A greedy algorithm is an approach for solving a problem by selecting the best option available at the moment. It doesn't worry whether the current best result will bring the overall optimal result.

The algorithm never reverses the earlier decision even if the choice is wrong. It works in a **top-down approach.**

This algorithm **may not produce the best result for all the problems.**