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GREEDY APPROACH ALGORITHM

REPORT:

In this approach, we considered solving a Knapsack frictional problem with both dynamic programming and greedy approach algorithm.

Dynamic Programming:

Here, the time complexity was linear.

Greedy Approach algorithm:

Here, the time complexity was logarithmic, as I have to sort the array of values before iterating for the maximum value capacity the knapsack can hold.

SUMMARY:

It is in my opinion that I enjoy and prefer using the dynamic programming concepts in solving a Knapsack frictional problem, either because I understand it better or because it takes less time to compute and get results.