Knapsack

TOTAL POINTS 2

1. In the TV commercial placement problem, your goal is to select a set of TV commercials (each commercial has duration and revenue) so that the total revenue is maximum while the total duration does not exceed the length of the available time slot.

To state this problem as a knapsack problem, you set

item value to be equal to TV commercial revenue and item weight to be equal to TV commercial duration.

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Correct

In this problem, we are maximizing revenue (value) while keeping the total duration (weight) limited.

1/1 point

1/2 point

1/2 point

1/2 point

1/3 point

1/4 point

1/4 point

1/4 point

1/5 point

1/5 point

1/6 point

1/6 point

1/7 point

1/7 point

1/7 point

1/8 point

1/1 point

1/1 point

1/1 point

1/2 point

1/2 point

1/2 point

1/4 point

1/