Another very famous problem where receivation is applied, and the notion of choice ran be seen evidently is "Krapsack Problem" in which case

1) One is given a bag, and a reduction of thems with their weights and prices.

with capacity Thems = 00000 0 will wis wis wis prices.

P1 P2 Pi

2) Over god is to fell the bas such that me some able to maximize the detal amount of items In the bag satisfying the weight constraints associated with the bag.

3) The notion of choice can be clearly seen home. as me could full in a subset of all terms provided to us; so me could choose to put II or question me ask is as follows:

"Should we include this it item in the krapsack

New that we understand as to know to spot the applicability of recursion to a problem me now try to figure out the applicability of Dynamic programming to the problem for which we will need to understand how recursion takes its course while solving the problem