a midthan

## one minute learning

the se diviside and conduct appropriate terms The input output knapsack problem is a craries obsens son browsen in comboser science and mathematici. The scenario is Often framed as a backpack that carry of dimited weight compainty and thun is selop êtems, each with a specific weight and value

## approach steps for of knapsake ;

-7 Girra a set of items with wights (with war ... was and walles (Vicinalis) ... vn) and the knapsom with a neight capacity is -7 Each item can either he included (1) of executed co) from the knapeau

## 2) objective : how wor a)

-7 maximize the total rame of the item in the knapsach without exceeding it's weight capainn

3) Approach to solving: -7 Dynamic programming is a commonly und technique de source the of knapialy problem effectionly.