GREEDY ALGORITHM:

* CONSTRAIN : (0 to +VE ‘N’)(AN INPUT CANNOT BE NEGATIVE)
* THERE ARE MANY WAYS TO REACH A SOLUTION (N NUMBER OF SOLUTIONS), ONE USES GREEDY METHOD TO FIND A (ONE) FEASIBLE SOLUTION i.e, CALLED AS OPTIMAL SOLUTION WHICH PERFORMS IN MINIMUM COST(MIN COST IS THE MAIN OBECTIVE).
* GREEDY: ‘IT IS A WAY TO FIND OPTIMAL SOLUTION IN WHICH WE ARE AWARE OF THE PATH OR RULES WHCH IS PREDEFINED BY US’

OPTIMAL SOLUTION:

2OPTIMIZATION

1. GREEDY
2. DYNAMIC PROGRAMMING
3. BRANCH AND BOND

SITUATION 1:

1.KNAPSACK PROBLEM: