GREEDY ALGORITHM

TERMS:- constraints $\longrightarrow$ fulfil $\longrightarrow$ feasible sol.

objective
achieve

OPTIMAL
SOLUTION

(maximize or minimizes $\rightarrow$ objective func.)

max
profit

min
cost

GREEDY TECHNIQUE
$a \leftarrow$ input

$x = $ Select (a)

objective ? max?
min?

if x is feasible?

constraints?

for
all
values

x is (Optimality), feasible ✓

Solution $=$ Include it in the solution

x

Union