```
procedure GREEDY

Set X = \emptyset;

repeat

Select the best element e \in S;

S := S \setminus \{e\};

if (X \cup e \text{ is a feasible partial solution}) then

add e to the partial solution X;

end if

until S = \emptyset or X is completed

return X;
```

We have to define

- Structure of the solution and the elements belonging to it
- Criterion according to which the best element is chosen
- Feasibility check

end procedure