







Remark :

- ① If S_F is bounded then optimal solution is also bounded.
Unique solution exist at the vertex.
- ② If S_F is unbounded then optimal solution may or may not be bounded.
- ③ If obj. function is $\text{Min } f(x)$ s.t. $f(x) \geq b_1, g(x) \leq b_2, \dots$
 and " " " $\text{Max } f(x)$ s.t. $f(x) \leq b_1, g(x) \geq b_2, \dots$
then optimal solutions are multiple.

