step1: write the given LPP in standard form

Shipz: curite initial basic feasible volution.

Step 3: Make initial simplex Table.

Step 4? Asse all entries in z-row mon-negative?

(i) If yes then the current solution is optimal basic feasible solution.

E) If no then select the most negative entry (smallest entry) in z-row.

The corresponding column is called key column (pivot column). and corresponding vasiable entess in the basis (set of all basic vasiables).

steps: Obtain the replacement ratio by dividing solution column by key column.

step 6: Are all ratios infinité found lor négative?

1) It yes then the LPP has ombounded solun

De If no then select the minimum finite
Non-negative Politice valio. The corresponding row
ratio has o is called key row and the corresponding

Non-megatives ?? Called key row and the corresponding (If ratio has 0 is called key row and the corresponding then take that ratio then take that ratio then take that ratio then take the training tor vasiable leaves the basis, then consider arbitrary whose denominator vasiable leaves the basis, then consider arbitrary whose denominator vasiable leaves the basis, then consider arbitrary is true in Pivot column).

Stop 7: Mark the key element (Pivot element)

step 7: Mark the key element (FIVO) of key as intersection of key row and key column.

slips: Make the new simplex table (or apolate)
by elementary now transformation as

O first make key element 1 by dividing

the key row by key element

(zero) by subtracting or adding proper multiples of new row to the old row.

or step 60.

