Pseudocode for Checking safe state in Bankors Algorithm.

- 1) initialise p as amprocess (no. of process) . ---- global variable initialise e as no of elements in one process-global vois initialise i, j, k, z asa loop variableinitialise cc, infracount to o for counter variable. take 20 array all, need, and one-o array awail, pro.
- 2 process Chek (allocation[, need, available, pro, count)
- Repeat step 4 for z=0 to z<p
- @ Repeat Step for i=0 to i < p
- (5) Repeat Step for j=0 to j<e
- | Lo check if pro[i] = 1 (d)
- Li johnet if available [j] > need [i] [j] (F) (8)
- Gincrease inn_count to 1}
- \bigcirc Ly check if inn_count = e (10)
- pro[i] = op \bigcirc
- print the message "Process!" i" is terminated" P La Count increase to 1
- (13) · Repeate Step for K=0 to K<p.
- > New avail[k] = avail[k]+ Ollocation[i][k].
- mitialise inn count to 0.

Montaide All ton loop
(b) Repeat step for i=0 to i< P

(c) L. .cc = cc+ proci]

(18) thek if cc = 0

De print the menage "System is in safe state"

20) else print the message "System not in safe state".