PAGE NO: code to implement Bankers algorithm # include astdio, by # include (stdbool.h) # deline MAX processes 10 # define MAX_ RESOURCES 10 Noid calculated Need (int need [MAX-PROCESSES] [MAX_RESOURCES], int MMax [MAXPROCESES] [MAX: RESOURCES], int allot [MAX PROCESSES] [MAX_ RESOURCES], int np int nr) f for (int i=0; i<np; i++) For (jal j=0; j < nr j v++) x need[i][i]=max[i][i]-allos[i][i] bool is Safefint processes [], int avail[] int max [] [MAX RESOURCES], int allot[] [MAX RESOURCES, int np, int nr); bool Finish [MAK-PROCESSES] = {03. int safe Seg[max_PROCESSES]. int work [MAX_ RESOURCEST; Lor (inti=o; i < nr is++) work[i]= avail[i]: int (ount=ojan) while (count sop) for bool found = false; for (int P=0; P(np:p++) if (finish [P]==0) f int 1; harman Sor (j=0) j' cnr ; j++) if (need [P][s]) work[s] breax;

printer can available resources "li for Cinting i dentilland 1 Seand C' Yed; & avail(i)): int martnay processes/(max resource) printf C'Enter maximum resources mateirs forling indisenes inal f printle Renoces dedivid; for antizaidenriverde scanf (" "dd" falled [i][i]); is & is Safel processes, Quail, max, allow, nnaneli return o: Out put! Enter the number of process is Enter number of resource: 3 Enter available resource matur: 3 3 2 Enter maximum resource matrix: process 0:7 S 3 um Destruction de la Calanda de Article de construction de la construc Process 3 9 0 2 Direction Control Annual Quarter strains or a General strains and the control of Del Care Constitution of the second contract Enter allocation resource make: Process 0: 0 1 0 Proces Line Ram Quan Dominano Bit de CCU en de sembre en de descripció Conservamento de companyo en come con en basea acuse en Process 3: 2 days protest 4: 0 0 2

DATE: in sale state. 15: 103 4 02 syllem is sak stack sequence Q) S 11 17 11 15