Wate a Chrograr to isimulate the following water and memory allocation deckinique, following worstfit b) Best fit e) first fit a) # include «stdio. h = blocks jell, int blocks intprocess sizeld: Void worstfit (int int frocess) int allocation [processes]: ent occupied [blocks]; for (int i = 03 1 < forocess: i++) { (1) allocation [i] = -1; g (sould be on off asign) from for (:= 0? : < blocks ; ++) { occupied LiJ = 0 [mala] for (:=0; : < process; i++) &

int indeaploced = -1? for (j=0; j < blocks; j++){ if [block size [j] >= Brocess size [i] 88 locaupied (j]) Here & ogles redig my .) It has f (indescriptored # = -1) index placed = j els e if (block Size Lindesc placed) < block size [j] ûndeseplaced: j? if (index Placod!=1) { allocation [i] = index placed; Occupied [Index placed] = 1 block Size [index placed] = Brocess si ge [;].

said (In Press 10 10 to France for (is 0) i c families ; +4) [f (allered = []; =-1)

found f (-1.d) - allocation []+1]: frients (" not allocated 1 - "): ant main () f int . Illevis forcessed friends (Ender the no. of block:): Demf (-1.1 . & blocks): party int blocks so (block): birds (- In Enter & 30 of each Box: "): 1 for (:0:: < block; i++). Searl (. 4 g , 8 fracestes); and from Size [from]: friends (" In Ender Dige of each freezeli V/ for (:.0 : ix from : i++) Scarf (" 7.d" foreced size (:1): Worlfit (block Size, block processing e process. Enter no of blacks 33 Enter 5:30 of oach Ha k : 5 R 7 Enter 45 of process: 2 Enter size of week process: 1 4

Pradu Eze Blocker first fit: #include < Stdio. n = # include « conio, h » # define max 25. and fraglemax I. b [max]. f [max].:, j, nb, nt. roid main () { Addic int of Imaal. If [maa]; Sprints (" /n/t Memory Managem out scheme - firstfit): fourt ("Eder the no of blocks: "): scarf (- 1. d . 2 nb); frist ("Ender the no of files : "): scarf ("% d". & nf): fritt (Enter the size of the blocks: In-) for (i=1: i <= on b; i++) {

Brintf ("Block % d; "): scanf ("%d", & b[i]): Brint f (" \n biter the 8:30 of the blocks: \n");

for (:=1; ("Block 1.d:");

brint f ("Block 1.d:"); scarf ("1.d", & b [:]): britf ("Enter the size of the files; In"): for (=1; i == nf; i++) f printf ("file ".d;", ;; & Scorf ("1.d", & fris):

South ("In file-no: It file-8,86" 10 shot no: 14 for (:=1; i <= nf; i+1){ int allocated = 0° for (j=1; j <=nb; j++) { if (temp >=0) &

Jf [i] = j bf [j]:1: frag [:] - & Ci] - f [:]: allocated: 1: Brindf (" In 1.d |+ |+ 1.d |+ |+ 1.d".; f CiJ, ff CiJ, bf CiJ break; if (! allocated) } plintf ("In % d It It "/ d It Not Allocald \t\t-", \, \(\LiJ \) \, getch (). out out file no filse size Block-no Block-size 6 th 1 sept 1 1 5 5 3 4

Harmolude of the define mil best for allocation of allocation of security of the conference of the con

for (:=0;

occupied[:]

for (:=0; i

for (j=0;
if (block

if (index index else if (index

g. g. int main C

int p.
faint f

scarf

ant fo

unclude < std: o.h > Block. no: ht] # define MAX 10 Void Best fit (int blocksize L.J. int blocks, int process S. 3e [], int sprocess, int m) & ind allocation [Brocess]: int occupied [block] for (::0; : < forocess; 134) } alloration [:]:-1; for Ci=0°, i < block°, it + Jf occupied [i] =0°, ([d]) + 1.d ... for(: 0; i < Brocess; i+1){ occupiedli] =0: for (:=0; i < forocess; i++) f ant index Placed = - 12 for (j=0; j < blocks; j++) { if (block Size [j] > = Brocess Size [i] le 1 saufight Vot Allocald if (indesc placed = = -1) else if (block Size Gj] < plack Size (index placed) index placed: j; et-size int main () unt p. m. process & blocks: ") Saint ("Enter no of Lp (em); scanf (... 1. d . / . d ... block size [on]; ant process Size EpJ.

heint (" Enter the Block sizes; ") To stimulate for for (j=0; j < m; j++)) f I f O # include < Sto Scarf (% d', block sigeljd): # define from int process: Size of (forces); Void fifo (int for (i= 1; i <= nf & f[i]=0; i++) int frames int front = frints ("In 1.d It It 7.d It It 1.d It 16 1/1 for Ci= 0 ? i frame [i]. p [ff[i]). flog[i]); int spage faul for (::0; Enter the no of blocks; 3 Enter the no of files: P Enter the size of blocks: 6/0 188 Block 1:5 Block 2 : ? Block 3 3 7 Enter the size of files. file 1:1 file 2: 4 file no file. size Block no Block size fragnal

unt page int found: for (j=0; j if Cframe found = 1 break; if (! found) france C from front = (fre forge fa bunt (" bag for (j = 0 if (fra print. g clse f & & Srinlf (" brint (j g faint f ("T