Write (int block Size [], int blocks int procusie? i'nt processed int allocation [processer]; int occupied [block]; icporousses; i++)! allocation [i]= -1; for (int i=0; i 2 blocks; it-1) occupied [i]=0; i i process i itt) { inder placed = -1; j=0; jallak, j++)? | block size [i] 7= process size [i] ff ! occupied [5]) if (index placed = -- 1) else if (block Size [index placed] < block Size [i]) intex placed =

if (indexplaced 1 = -1) { allocation [i] = indea placed; Occupied [indexplaced] = 1; blocksize [indexplaced] = priocensize [i]; perint ["In peroces No. 1+ proces size | + Blake for lintico; i < perocence; i++) g pearl ("%d 1+1+1+ %d1+1+1+",it perocen Size (i]); if (allocation [i] = -1)

Perind [" of din", allocation [i] +1); Print[" Not allowed in"); inti, block, process; perint (" Enter the no. of block."). Scanp (" of od", & blocke); int blocksize [block]; Printfl" In Enter size of each block: " for lint into ; ic block; itt) Scarp [" o/o d" , & poroceases); ind parocedsize [parocover]. Point ["In Enter size of each proces." fol(:=0: icgorocon: i+++) Scanf ("% d", & procen size [i]); word fit (blocksize, block, progens:20, pround) return o;

6 wput: of block: 31 Enter each block: 5 peroces Block Best fit (int Block Size [7, int int peroceucy, in allocation [poroceves]; allocation [i] = -1 list iso; ichlock; itt) { occupied [i] = 0; i=0 ; i = processes; i++)[indroplaced w j=0; j c block; j+ [Hochicize [i] 7= proces Size [i) E/ linder placed = (i) & block size [indep ede if (blocks. 20 inder placed

PAGE NO :

	DATE :
	Cho the number of promes and II
	Enter the proces Sizes: 1 4
	Enter the block Since: 15, 1027
	ne barrella bis
	proces No poroces size Block no.
	2
	2 11 - 11 10 1 1 4
	il squal fi
1	# include CS+lia. W
9	et include a como h
1	+ defire max 25
	and the state of t
1 1 17 1	Void main () &
1	int prog[max], b[max], A[max], i, i, nb, nt, tom?
-	Static int of [max], f[max];
	point ("Int Memory management scheme - First sit");
	mint ("In Enter the no of block:");
	Scand (%d 2nb);
	print ("Inter the mo of files:"); Scamp ("ofod", Emp);
	Scarp ("of d" . kmp);
	- 1835 19 11 -
	Parint /" In Finter the Size of the block: - (n');
1	hor list: ic-nbigitt)
	19 (i=1; i <= nb; i++){ 19 int ("Block %d:",i);
	Scanf (" olad 1 & b [];
	Stang to me ste me
	point (" Enter the Size of the files: - \m');
	point ("File "/od.");
1	point (tile lock 11/)
1	Scanf (0/od 9 97 (1))
-	The second second
1	
	40 Sc 31 p

PAGE NO print l'In File no: It File - Size il + Block-mile Block -Size: "); for (is) ic=nj;it+)? int allocated=0; if (bp(i) (= 1) & 5[37-PCi7 7 [i] - b[i] - P[i]; point [" in 10d + 1+ % & 1+ 1+ rod 14 break; Tallocatedy) for the Kay! I bish. Memory Management: Scheme - First Fit Entor the Size of the blody. Ender the Size of the files:

PAGE NO : DATE: File Size Block -no File no Block Size: Mi

```
Enter the number of blocks: 5
Enter the block sizes: 100 500 200 300 600
Enter the number of processes: 4
Enter the process sizes: 212 417 112 426
The memory allocation is as:
Process-1: 212 5
Process-2: 417 2
Process-3: 112 5
Process-4: 426 Not Allocated
```

Historical Cardia les

Enter the number of blocks: 5
Enter the block sizes: 100 500 200 300 600
Enter the number of processes: 5
Enter the process sizes: 212 417 112 426 121
Process No. Process Size Block no.
1 212 4

Process No.	Process Size 212	Block no. 4
2	417	2
3	112	3
4	426	5
5	121	5

```
Enter the number of blocks: 4
Enter the block sizes: 100 400 200 300
Enter the number of processes: 3
Enter the process Sizes:250 50 210

Process No. Process Size Block no.

1 250 2
2 50 1
3 210 4
```