	DC-P- +1-1 (DC-P) DATE / /
	Name: - Tushar Kumar Course: - BSC.17
	Date: - 26 Aug 2021 Sub. Codes
a . h	A Alan Alma Allan
501	1->* Algorithm
1	Start Cong Q (1) 2 11)
1.	Start Production of proceedings and blooks
	At first get the no. of processes and blocks.  Allocate the process by if (size of block >= size of the process) then altocate the process else more
3.	Allocate the process by 17 (3/2) of more
	the process when anotare are process see
1	to the next block.
T.	Now display the process with block and allocate
_	the respective process.
5,	STOP De l'Amentorable
+	Codings
	- Coarrey
	# include < stolio. h>
	void main ()
	f ? ( " si + 1 + 1
	int bsize [10], psize[10], bno, pro, flags[10], i, j,
Trin	allocation [10],
	for (i=0; i<10; i+t)
1+	flags [i] = 0 10 11 11 11 11 11 11 11 11 11 11 11 1
	allocation [i] = -1:

points ("Enter no. of blacks:"); scanf ("%d", 8 bno); printf ("In Enter Size of each block: "); for (1=0; i(bho; i++) Scanf (" %d", &bsize [i]); printf ("In Enter no. of processess: "); Stanf (" %d", 2 pno); prints ("In Enter size of each process:"), for (i=0; i<pno; i++) Scanf ("Yod", & psize [i]); for (i=0; i < pno; i++) for (j=0; j < bno; j++) if (flags[j] = = 0 && 6 size[j] > = psize[i]) allocation [j]=i; flags [j]=1; printf ("In Block no. It size It It process no It It size"); for (i=0 ; i < bno; i++) 2 printf ("In Tod It It Tod It It", i+ I, bsize[i]); if (flags[i] == 1) printf ("%d It It tod", allocation [i]+11

psize [allocation []]);

printf ("Not Allocated");

```
Enter no. of blocks: 3
Enter size of each block: 9
10
46
Enter no. of processes: 3
Enter size of each process: 5
26
10
Block no. size
                        process no. size
        9
                            5
2
        10
             3
                            10
3
                            26
        46
```

Sal 2 > Coding ist swit thod? ( boost time les # include LStalio.h> int main () int arrival\_time [10], burst\_time [10], temp[10]; int 1, Smallest, count = 0, time, limit; float average - waiting-time, average turnaround-time; pointf ("In Enter the Total Number of Bocesses: It");
sunf (" Tod", Rlimit); pointf ("In Enter Details of Tod Processes", limit); 100 (i=0); i (limit; i++) printf ("In Enter Assival Time: It"); scanf ("Yod", & assival -time [i]); print ("Enter Burst Time: It")," scanf (" fod", & burst\_time [i]), tensp[i] = bvost\_time[i];

burst -time [9] = 9999; for (time = 0; count!= limit; time ++) Smallest = 9; for (i=0; i < limit; i++) ¿ if (arrival-time [i] <= time && burst\_time[i] (burst\_time [smallest] 88 busst\_time[i]>0) { smallest = i, burst\_time [smallest] - -, if (burst time [smallest] == 0) count ++; end = time + I; wait-time = wait - time + end - arrival - time [smallest] - temp [smallest]; turnaround time = turnaround time + end - assival-time [smallest]; average-woiting-time = wait-time/limit;

Pego No.

DATE: 7 /

average two naround time = turn around - time / Limit;

print ("In In Average Waiting Time: It 7. If In",

average - waiting - time);

Print ("Average Turnaround Time: It 9. If In",

average - turnaround - time):

z retion 0;

Wallie Jon .

Enter the Total Number of Processes: Enter Details of 5 Processesn Enter Arrival Time: Enter Burst Time: Average Waiting Time: 3.400000 Average Turnaround Time: 5.800000 ... Program finished with exit code 0 Press ENTER to exit console.