Section -> Bac 9+0(A) Nome + Shivani Negi Student I'd + 20052026 Counse - BSC(9+) It.) Ain -> A Broguers to implement fores.
-priocess scheduling algorithm. Description > fort Come fisset Serve (Po Schrauling The sprocesses (cution arrived) first in the second arrow in firstly assigned to the CAD. process did il executed first. 9+ as always non-fuerptive in nature. Teacher's Signature-

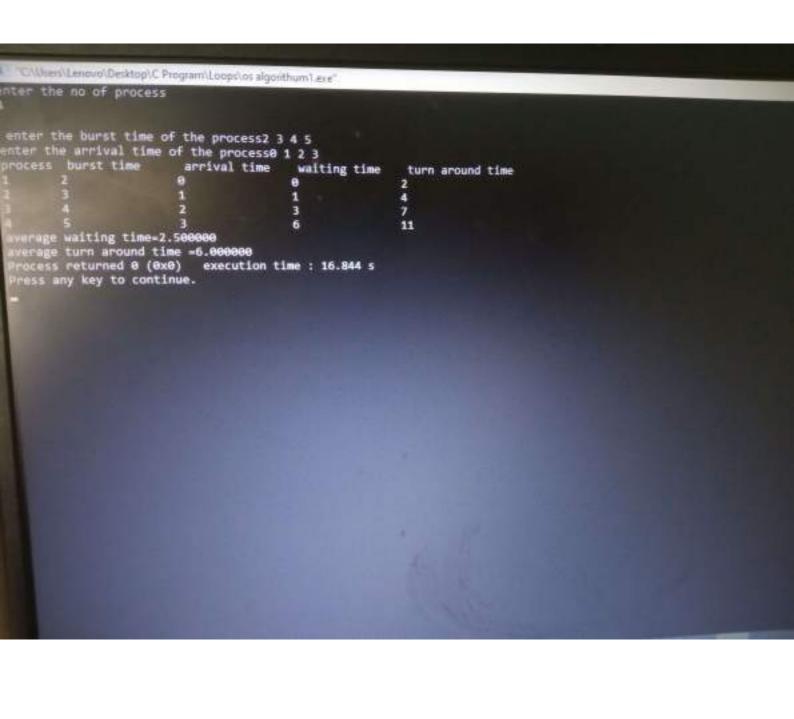
1	Date	Page No
STEP 1:-		
	Declaw kumable i, j, n, J, bt CHO, tempthax , tempthax , tempthax , cetate.	awt=0.
	Read n, Of THAXI, at THAXI	
EPY:-	Temp [0] < Eo · O	
TEP6:	on i=0 until i2n outpeat STEP wt [i] to tot [i] to:	
TEP 7:	temp (it 1) = temp (i) + bt (i); (ot (i) = temp (i) - at (i)	
TEP 9:-	aut = cot (1) Total aut = cotat + tot (1) atat = cotat + tot (1)	
EP611-	PRINTS" HEI, at GI, wt GI,	, +d[i]"
TEP 12:-	aut = auxt/h atat < atat/n 3 Tencho	
23	Jarti Teache	r's Signature—

	Date		
TEP 14:- TEP 16 TEP 16	PRINT:" PRINT:" STOP	"tote	
•			

Page No. _ Chaggeram to implement files Scheduling # include 25tdio-h) # define HOX 30 · [XOH] EW · [XOH] to, [XOH] td · n · [,] +n1 : (0= tota , 0= tous too) Scanf ("of od", 4n); point (" Enter the puret time of the procesi"; Jon (1=0; 12h; 1+t)
Scan (" wod"; 4bt[i]); point ("Enter the autival time of the procees"); Par(1=0; 14); (++) Scarp ("1-d", fat[1]); point l' process / + four time / tour allow time / tour allowed time / tour allowed time / Teacher's Signature

Page No. _ temp[i+] = temp[i] + b+[i]; cut [i] = temp [i] - ct[i]: Jatai = Lister = [istot : ritu + tus = two : [i] tot + toto = toto "60/0 \$1 \$1 \$1 \$1 \$30 \$1 \$1 \$1 \$0/0 \$1 \$1 \$1 \$0/0") prived awt = awt/h; atat = atat/n; purily ("overeage them of anound three of",

secution 0;



Section+ & (A) Shivani Negi 20052026 Student I'd 20052026 Page No 20) Ain - White a program to implement some perocessos with eduling algorithem. Description -> Shoulost gob furt CPV Schaduling A Peremptive SJF * Non - Pucemptive SJF These algorithms schedule processes in the order of the which the schoulest job is done first . It had a minimum average waiting time. Thew aw 3 factores to Consider while dolving SSE. They are: J. Brust Time 20 Average Waiting time 30 Average transacround time.

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Page No. ____

ALGORITHY

PJ: START

PR: Declam vaniabless is, n, t, PTHOYI, bt[HOYI,

STEP 3: Read n, PCHOXJ, B+CHOXJ

EPA: - Using a for loop ontil i'm and weepeat
stepes 0 5,6, 4 cend 8.

P5:- Uding a don box until Jeh-i-J and eleper

P6:- Ussing Ext Condition (bt (3) > b+ (J+1)

197:- f = bt[j] bt[j] = bt[j+1] bt[j+1] = f

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P9: liking two nowled you looped you i and J.J. J. until like aim J.J. and J.J. J. and J.J.J.

Plo: cof[i] = 0 -at[i] = 0

STEPH: - Cut [i] = wf BJ+ b+ BJ

Ci) to + tate = tote - 1975

auxt = auxt + wt [i]

Li) tot + tate = tate

PS13: - Reunt PPiJ, bottiJ, cottiJ, fat [i]

a) tota = tota , a/tus = tus -: M9

P15: - Reint ceust, cutat

Date Page No._ (Shautesit Job finest) # Include (stdio.h) # deline Hax 30 int i, J, h, +, pchaxJ, b+ ChaxJ, w+ ChaxJ, tot (Hax) Scan ("ol-d", an); fortier in itt Scanf ("dod", 4p (1); print ("Enter the Yourst time of the process In"); Scan ("oled", Lb+[i]); for (5=0; JCh-i-1; J++)

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if (6+[J]) H(J+J])

S Teacher's Signature-Bharti

Date Page No. + = b+[j]; b+ [i] = 6+ (i+1); b+ [j+j] = f; かしず」: したナナブ: C'Procee It Burnt time (+ Waiting time)+ Toursonan 909 (i=0; ich; i++) ut [1] = 0; +a+[i] = 0; for(j=0; JLJ; T++) WHIP = WHIJ+ HIJ; Jos CFJ = W+ GiJ + b+ Fi7: aut = cust + w+ Cij; itis tat + tate = tate \$ Wint ("1=d") + 0/0d) + 1+0/0d) + 1+0/0d \0" 1975 bf [], w+[i], tat[i];

awt = awd t/h; atcit = atat /n; puint ("Averlage waiting time = % f ln", (wt); puint ("Averlage (Tounaround time = ") of ", atat); lectour 0; S
sprint ("Averdage Vaiting time = % of In", cust); print ("Averdage Touranound time = " of " stat);
plint ("Avendage Tuenanound time = % of In", cut); puint ("Avendage Tuenanound time = % of ", atat); leotoun 0; s
puint ("Averlage (Toenaround title = 9.4", atat); leatour 0; S
Leatour 0;
S Leatour 0;
\$

```
*C:\Users\Lenovo\Desktop\C Program\Loops\os algorithum2.exe*
enter the number of process
enter the process number
1234
enter the burst time of the process
5 4 3 4
process burst time
                                waiting timr
                                                  turn around time
                               3
                                                  7778
          4
                               3
average waiting time=3.000000
average turnaround time =7.000000

Process returned 0 (0x0) execution time : 30.890 s

Press any key to continue.
```