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NIM;17.01.53.2004

## **TUGAS PEMROGRAMAN**

## 1.FCFS

```
int bt[28], wt[28], tat[18], i, n;
float wtavg, tatavg;
printf(\ninverset the number of processes -- ");
scanf(\delta', &n);
for(i=j:kn;i++)
    printf('\ninverset number of process %d -- ", i);
    scanf(\delta', &bt[i]);
}
           }
wt[0] = wtavg = 0;
tat[0] = tatavg = bt[0];
for(i=1;i<n;i++)</pre>
                        wt[i] = wt[i-1] +bt[i-1];
tat[i] = tat[i-1] +bt[i];
wtavg = wtavg + wt[i];
tatavg = tatavg + tat[i];
           } related = tataog + tat[i];

printf("\t PROCESS \tBURST TIME \t WAITING TIME\t TURMARCUMD TIME\n");

for(i=j:kn;i++) {
    printf( \n\t f%d \t\t %d \t\t %d \t\t %d", i, bt[i], wt[i], tat[i]);
    }

printf(\n\verage Waiting Time -- %f", wtavg/n);

printf(\n\verage Turnarcumd Time -- %f", \tatavg/n);
                                                                                                                                                                                                                              26,37-44 All
A D 4)) * ENG 8:44 PM 11/27/2018
inangAIFI-KOMP:-$ touch fcfsafif.c

'ifangAIFI-KOMP:-$ vi fcfsafif.c

'ifangAIFI-KOMP:-$ gct fcfsafif.c -o fcfsafif.out

fcfsafif.c:2:1: warning: return type defaults to 'int' [-Wimplicit-int]
  Tfan@AFIF-KOMP:-$ ./fscfafif.out
pash: ./fscfafif.out: No such file or directory
page 1.fan@AFIF-KOMP:-$ ./fcfsafif.out
 nter Burst Time for Process 0 -- 20
 nter Burst Time for Process 4 -- 50
 へ 🗈 か) *// ENG 8:44 PM 👨
```

## 2.SJF.

```
o ×
                               WAITING TIME
                                           TURNAROUND TIME
^ □ Φ) */ ENG 8:56 PM 11/27/2018 ■
@ rifan@AFIF-KOMP: ~
                                                                                                                        - 0 X
      p[i]=i;
printf("Enter Burst Time for Process %d -- ", i);
scanf("%d", &bt[i]);
                  wt[0] = wtavg = 0;
tat[0] = tatavg = bt[0];
for(i=:;i<n;i++)</pre>
                        wt[i] = wt[i-1] +bt[i-1];
tat[i] = tat[i-1] +bt[i];
wtavg = wtavg + wt[i];
tatavg = tatavg + tat[i];
 ^ □ (1)) * ENG 8:57 PM 11/27/2018 ■
```

```
@ rifan@AFIF-KOMP: -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ø
GrangeAFF-KOMP:-$ ./rrafif.out
-bash: ./rrafif.out: No such file or directory
rifangAFIF-KOMP:-$ ge rrafif.c -o rrafif.out
rrafif.ci2:1: warning: return type defaults to 'int' [-Wimplicit-int]
main()
   main()

rifan@AFIF-KOMP:~$ ./rrafif.out
inter the no of processes -- 5
Enter Burst Time for process 1 -- 20
Enter Burst Time for process 2 -- 10
 ^ □ Φ) *// ENG 9:01 PM 11/27/2018 ■
 g rifan@AFIF-KOMP:
                      {
    tat[i]=temp+bu[i];
    temp=temp+bu[i];
    bu[i]=0; }
else { bu[i]=bu[i]-t;
    temp=temp+t;
                           for (1-a), this, this is a second of the second of th
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