

Project Classes Debug devcpp.exe filename os 2nd.c cpu scheduling program os.c

```

1  #include <stdio.h>
2  int main()
3  {
4      int A[100][4];
5      int i, j, n, total = 0, index, temp;
6      float avg_wt, avg_tat;
7      printf("Enter number of process: ");
8      scanf("%d", &n);
9      printf("Enter Burst Time:\n");
10     for (i = 0; i < n; i++) {
11         printf("P%d: ", i + 1);
12         scanf("%d", &A[i][1]);
13         A[i][0] = i + 1;
14     }
15     for (i = 0; i < n; i++) {
16         index = i;
17         for (j = i + 1; j < n; j++)
18             if (A[j][1] < A[index][1])
19                 index = j;
20         temp = A[i][1];
21         A[i][1] = A[index][1];
22         A[index][1] = temp;
23     }
24     temp = A[i][0];
25     A[i][0] = A[index][0];
26     A[index][0] = temp;
27 }

```

Compiler
 Resources
 Compile Log
 Debug
 Find Results
 Close

Abort Compilation

Compilation results...

```

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ELLAYYA\OneDrive\Desktop\cpu scheduling program os.exe
- Output Size: 129.7978515625 KiB
- Compilation Time: 0.48s

```

Line: 48 Col: 1 Sel: 0 Lines: 48 Length: 1074 Insert Done parsing in 0.015 seconds

C:\Users\ELLAYYA\OneDrive\Desktop\cpu scheduling program os.exe

```

Enter number of process: 6
Enter Burst Time:
P1: 4
P2: 18
P3: 28
P4: 9
P5: 13
P6: 17

P      BT      WT      TAT
P1      4        0        4
P4      9        4       13
P5     13       13       26
P6     17       26       43
P2     18       43       61
P3     28       61       89

Average Waiting Time= 24.500000
Average Turnaround Time= 39.333332
-----
Process exited after 35.51 seconds with return value 35
Press any key to continue . . .

```

ENG
IN13:18
24-01-2023