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SJF:
#include <stdio.h>
#include inits.h>
struct process {
  int at, st, ft;
} ready_list[10];
int n;
int dispatcher(int time) {
  int bt = INT_MAX, index = -1;
  for (int i = 0; i < n; i++) {
     if (ready_list[i].ft == 0 && ready_list[i].at <= time && ready_list[i].st < bt) {
        bt = ready list[i].st;
        index = i;
     }
  }
  return index;
}
int main() {
  printf("Enter number of processes: ");
  scanf("%d", &n);
  for (int i = 0; i < n; i++) {
     printf("Enter Arrival Time and Service Time for Process %d: ", i + 1);
     scanf("%d %d", &ready_list[i].at, &ready_list[i].st);
  }
  int cur_time = 0, i = 0;
  while (i < n) {
     int pid = dispatcher(cur_time);
     if (pid == -1) {
        cur_time++;
        continue;
     }
     ready_list[pid].ft = cur_time + ready_list[pid].st;
     cur_time += ready_list[pid].st;
     j++;
  }
  printf("Process\tAT\tBT\tFT\tTT\tWT\n");
  for (int i = 0; i < n; i++) {
     int tt = ready_list[i].ft - ready_list[i].at;
     int wt = tt - ready_list[i].st;
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printf("%d\t%d\t%d\t%d\t%d\t%d\n", i + 1, ready_list[i].at, ready_list[i].st, ready_list[i].ft,
tt, wt);
}
return 0;
}
```