

1.
 - Total wait time: 23
 - Total runnint time: 20
 - Average wait time: 4.6
 - Average time to completion: 8.6

CSC 369: Exercise 11

Scheduling

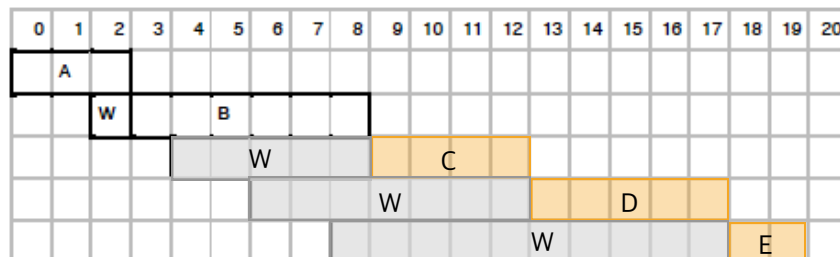
Consider the following list of processes:

if time starts at 0, then A arrives at time 0 and gets 3 time units of service. At this point it is complete and leaves. B arrives at time 2, waits 1 time unit, and then runs for 6 time units. We assume that once a process has the CPU it runs to completion.

Time

Process	Arrival Time	Service Time
A	0	3
B	2	6
C	4	4
D	6	5
E	8	2

Q1. Fill in the chart below for the remaining 3 processes using a **First-Come-First-Served** algorithm. (The bars in the last 3 rows indicate the arrival time of the process.)



Total Waiting time: 23 time units

Total Running time: 20 time units

Average Wait time: 4.6 time units

2. Shortest job First