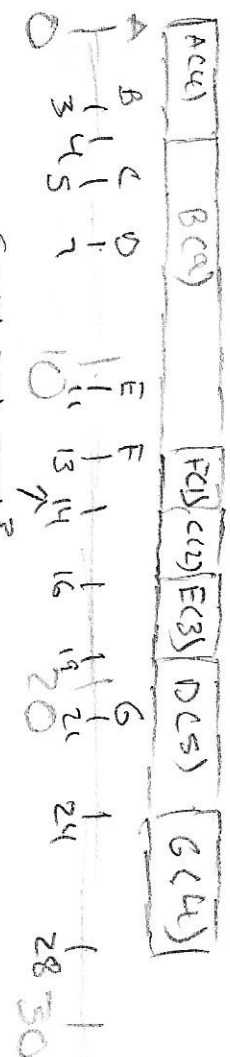


b) Shortest Job First (SJF) A(4) B(6) C(2) D(5) E(3) F(1) G(4)  
 Not Preemptive!!



$\{C(2), D(5), E(3)\}$

$$W_{avg} = \frac{0+1+9+12+5+0+3}{7}$$

$$= 4.29$$

$$W_A = 0$$
  

$$W_B = 13-9-3=1$$
  

$$W_C = 16-2-5=9$$
  

$$W_D = 24-5-7=12$$
  

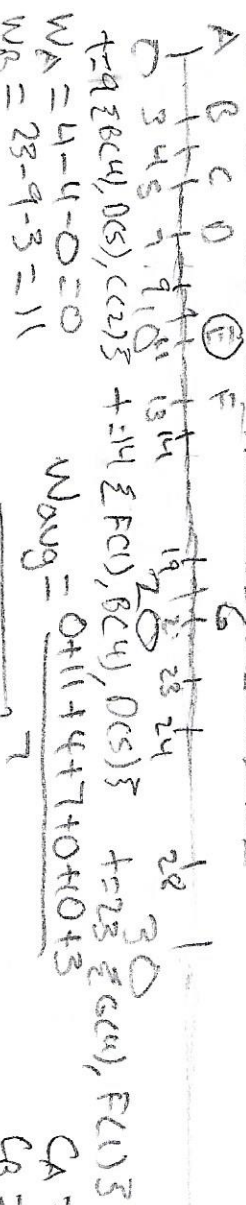
$$W_E = 19-3-1=5$$
  

$$W_F = 14-1-13=0$$
  

$$W_G = 28-4-21=3$$

✓ Finish / terminated

d) Round Robin (RR)  $q=5$  A(4) B(6) C(2) D(5) E(3) F(1) G(4)  
 if new arrival at time execution finish, run new arrival



$$= 5$$

$$W_A = 4-4-0=0$$
  

$$W_B = 23-9-3=11$$
  

$$W_C = 11-2-5=4$$
  

$$W_D = 19-5-7=7$$
  

$$W_E = 14-3-11=0$$
  

$$W_F = 24-1-13=10$$
  

$$W_G = 28-4-21=3$$

$$C_A = 4-0=4$$
  

$$C_B = 13-3=10$$
  

$$C_C = 16-5=11$$
  

$$C_D = 24-7=17$$
  

$$C_E = 19-11=8$$
  

$$C_F = 14-13=1$$
  

$$C_G = 28-21=7$$

$$C_{avg} = \frac{4+10+11+17+8+1+7}{7}$$

$$= 8.29$$

c) is on previous page

$$C_A = 4-0=4$$
  

$$C_B = 23-3=20$$
  

$$C_C = 11-5=6$$
  

$$C_D = 19-7=12$$
  

$$C_E = 14-11=3$$
  

$$C_F = 24-13=11$$
  

$$C_G = 28-21=7$$

$$= 9$$

$$C_{avg} = \frac{4+20+6+12+3+11+7}{7}$$