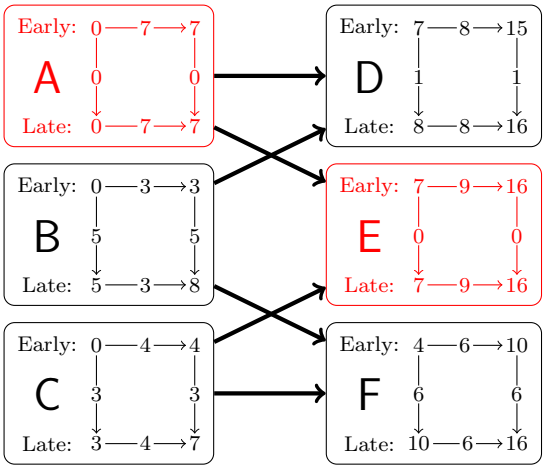
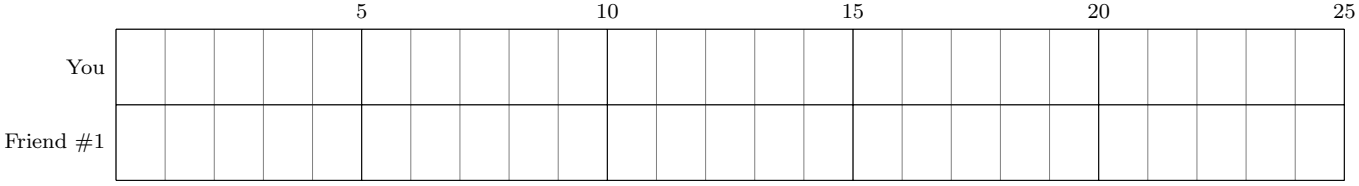
First problem

Task	Duration	Finish first
A:	7 min	Nothing
B:	3 min	Nothing
C:	4 min	Nothing
D:	8 min	A, B
E:	9 min	A, C
F:	6 min	B, C



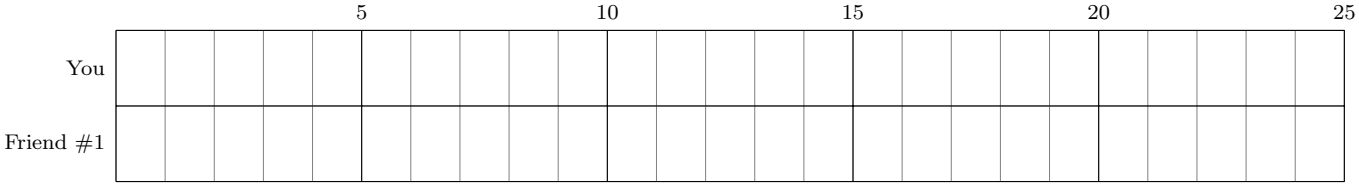
(Float) Priority list: _____

Place the tasks on the 2 worker time-line **according to the priority list**.



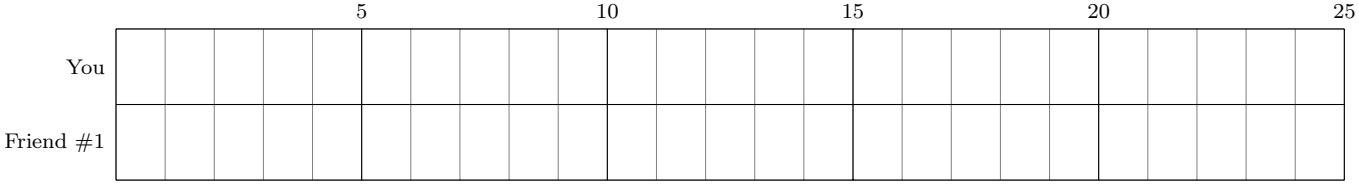
(Latest start time) Priority list: _____

Place the tasks on the 2 worker time-line **according to the priority list**.



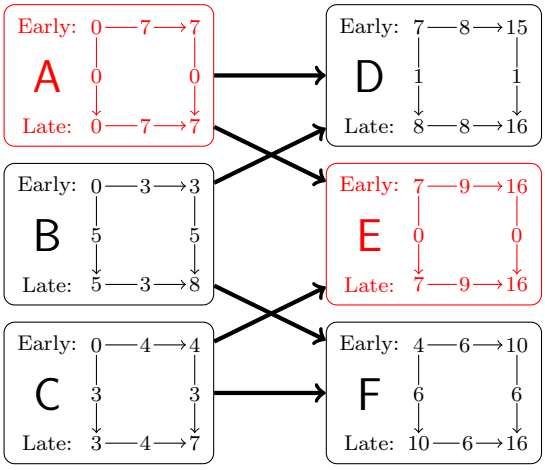
Which priority list worked better?

Now place the tasks where you think they should go:

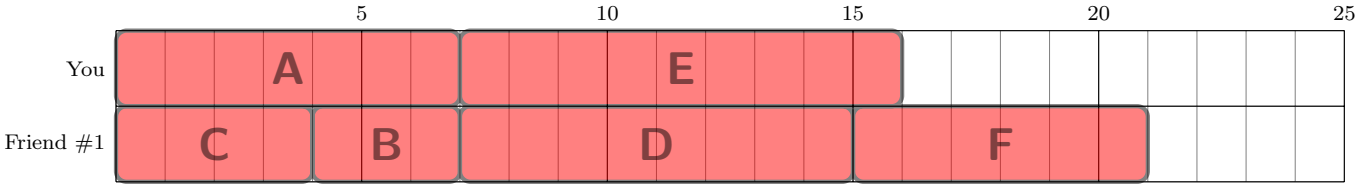


Answers

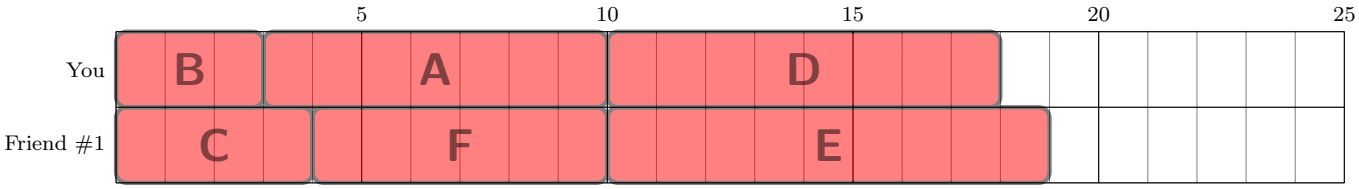
Task	Duration	Finish first
A:	7 min	Nothing
B:	3 min	Nothing
C:	4 min	Nothing
D:	8 min	A, B
E:	9 min	A, C
F:	6 min	B, C



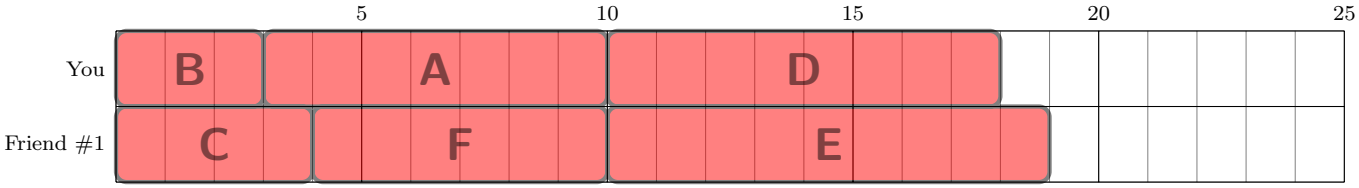
(Float) Priority list: $A = E > D > C > B > F$



(Latest Start Time) Priority list: $A > C > B > E > D > F$

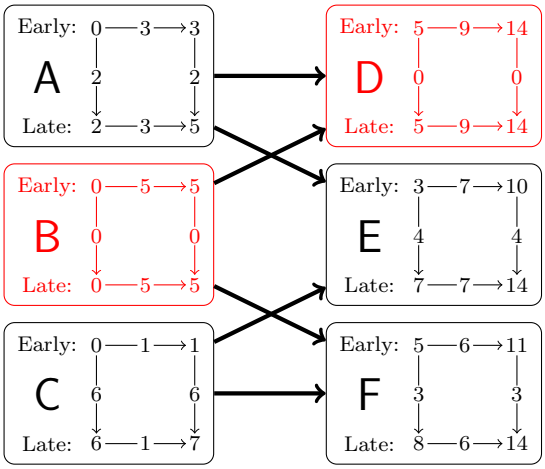


Optimal



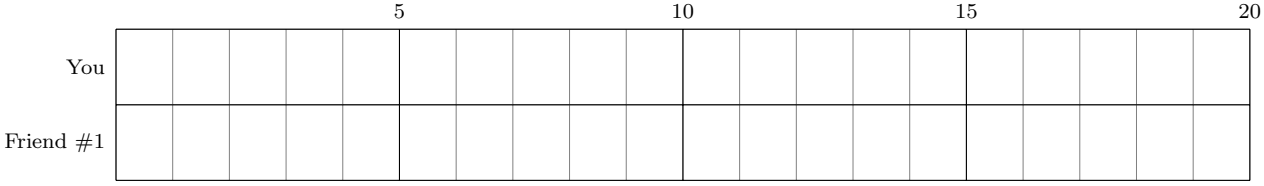
Second problem

Task	Duration	Finish first
A:	3 min	Nothing
B:	5 min	Nothing
C:	1 min	Nothing
D:	9 min	A, B
E:	7 min	A, C
F:	6 min	B, C



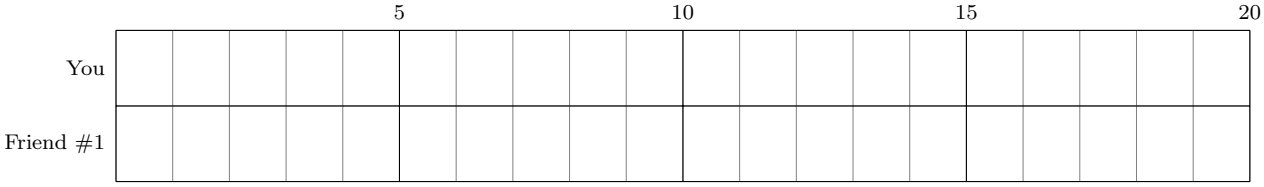
(Float) Priority list: _____

Place the tasks on the 2 worker time-line **according to the priority list**.



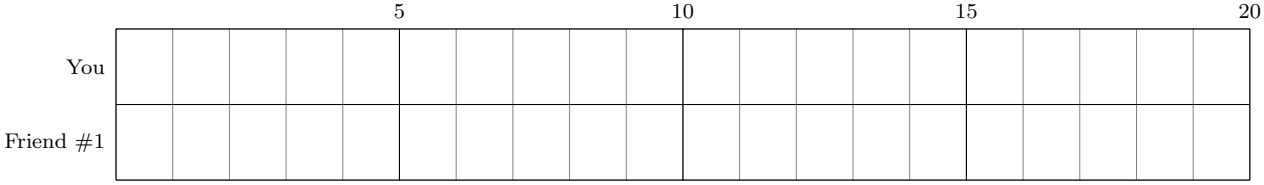
(Latest start time) Priority list: _____

Place the tasks on the 2 worker time-line **according to the priority list**.



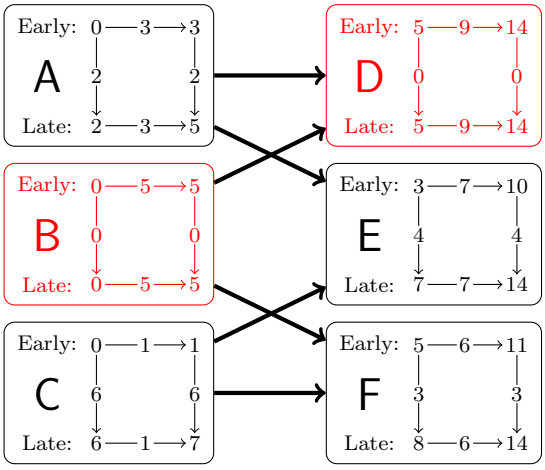
Which priority list worked better?

Now place the tasks where you think they should go:

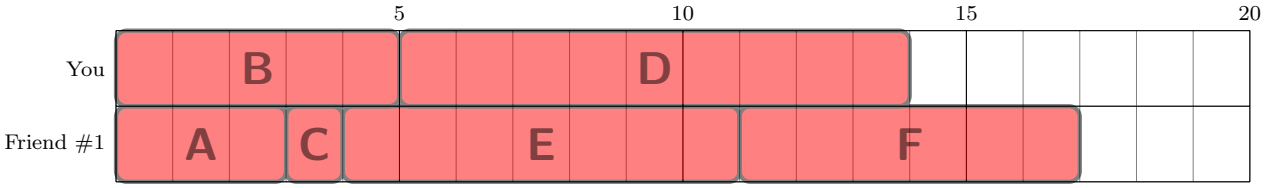


Task	Duration	Finish first
A:	3 min	Nothing
B:	5 min	Nothing
C:	1 min	Nothing
D:	9 min	A, B
E:	7 min	A, C
F:	6 min	B, C

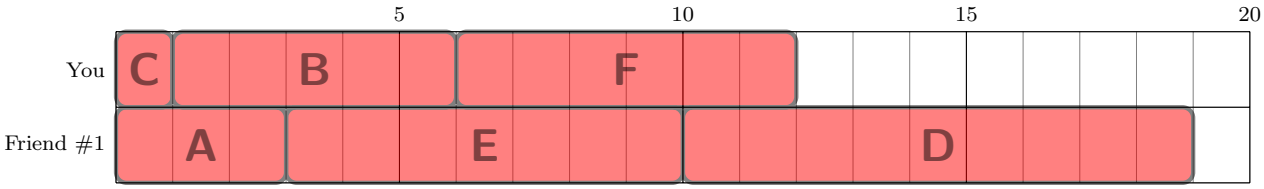
Answers



(Float) Priority list: $B = D > A > F > E > C$



(Latest Start Time) Priority list: $F > E > C > D > A > B$



Optimal