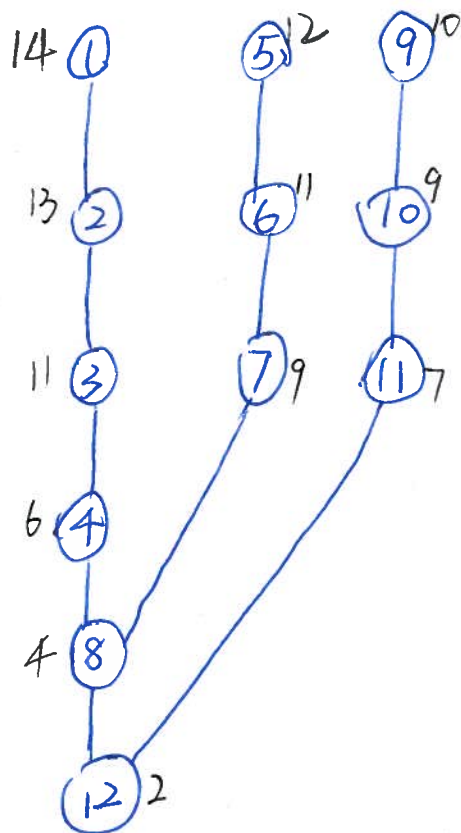


1. DDD with scheduling priority



b. Scheduling

①
⑤
⑨
②
⑥
⑩
③
⑦
⑪
④
⑧
⑫

①
②
⑤
⑥
③
⑨
⑩
⑦
⑪
④
⑧
⑫

Backward

original

	INT1	INT2	MEM
0	1		
1	2		
2			
3			3
4			
5			
6			
7			
8	4	5	
9	6		
10			7
11			
12			
13			
14			
15			
16	8	9	
17	10		
18			
19			11
20			
21			
22			
23			
24			12

Forward:

	INT1	INT2	MEM
0	①	⑤	
1	⑨	②	
2	⑥	⑩	
3			③
4			⑦
5			⑪
6			
7			
8	④		
9			
10	⑧		
11	⑫		

	INT1	INT2	MEM
0	①		
1	②		
2	⑤		
3	⑥		③
4	⑨		
5	⑩		⑦
6			⑪
7			
8	④		
9			
10	⑧		
11	⑫		

Since $12 < 24$
It's optimal.