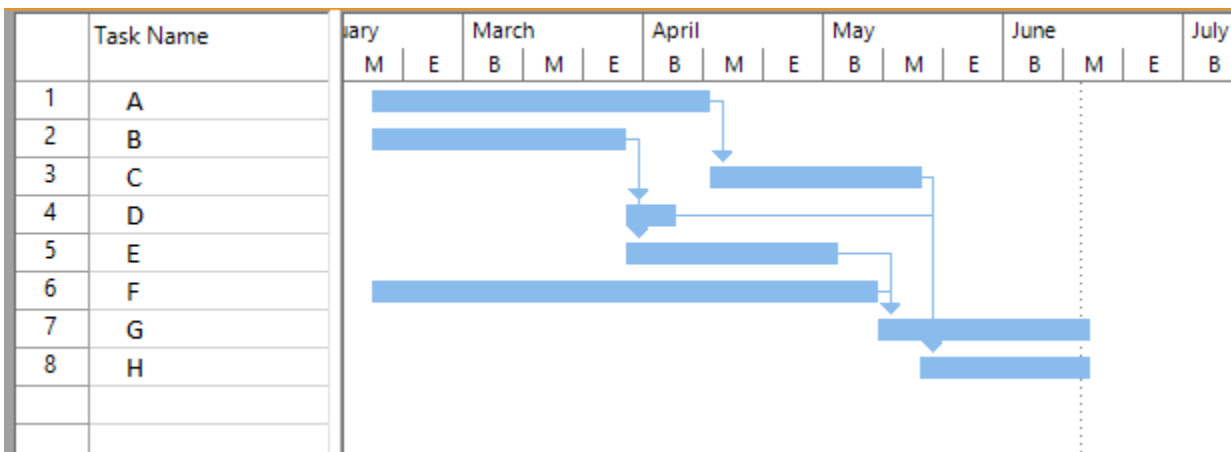


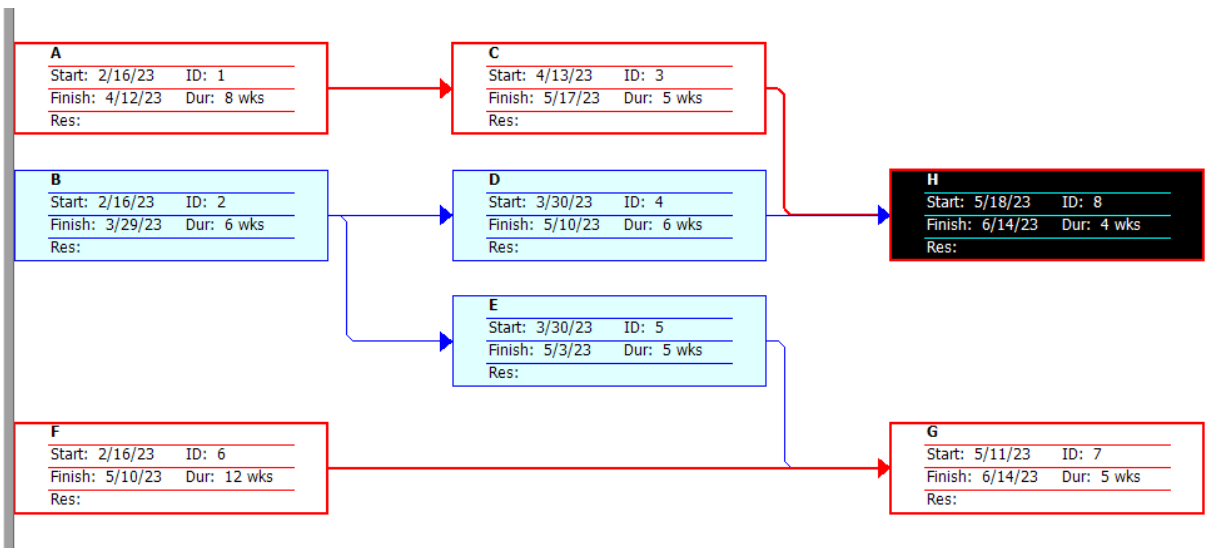
1.Consider the following table of information:

Activity	Duration(week)	Precedents
A	8	None
B	6	None
C	5	A
D	6	B
E	5	B
F	12	None
G	5	E,F
H	4	C,D

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	8 wks	Thu 2/16/23 8:00 AM	Wed 4/12/23 5:00 PM	
2	B	6 wks	Thu 2/16/23 8:00 AM	Wed 3/29/23 5:00 PM	
3	C	5 wks	Thu 4/13/23 8:00 AM	Wed 5/17/23 5:00 PM	1
4	D	6 days	Thu 3/30/23 8:00 AM	Thu 4/6/23 5:00 PM	2
5	E	5 wks	Thu 3/30/23 8:00 AM	Wed 5/3/23 5:00 PM	2
6	F	12 wks	Thu 2/16/23 8:00 AM	Wed 5/10/23 5:00 PM	
7	G	5 wks	Thu 5/11/23 8:00 AM	Wed 6/14/23 5:00 PM	5,6
8	H	4 wks	Thu 5/18/23 8:00 AM	Wed 6/14/23 5:00 PM	3,4



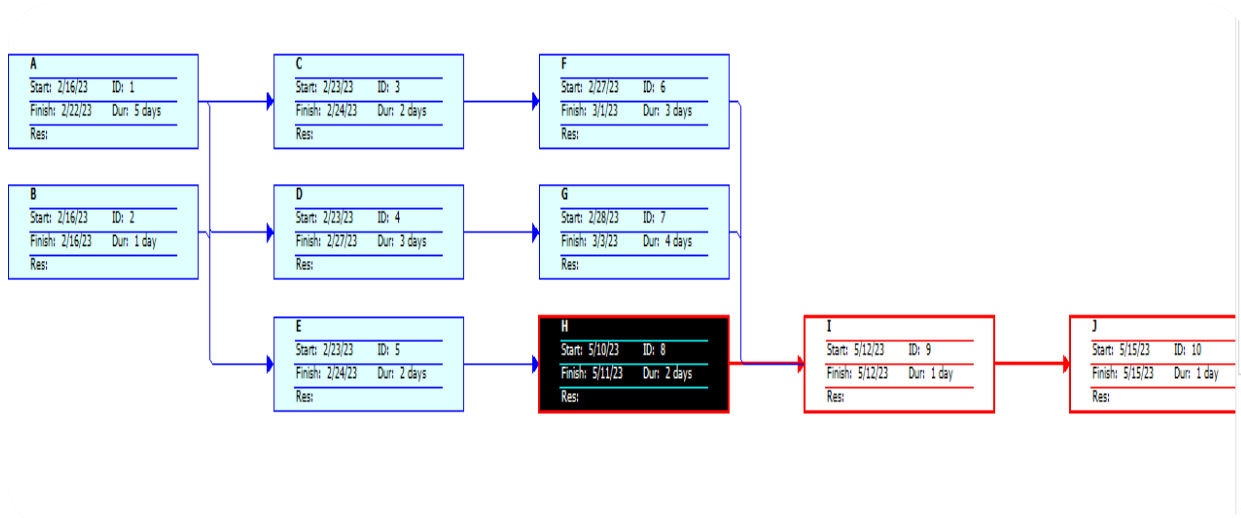
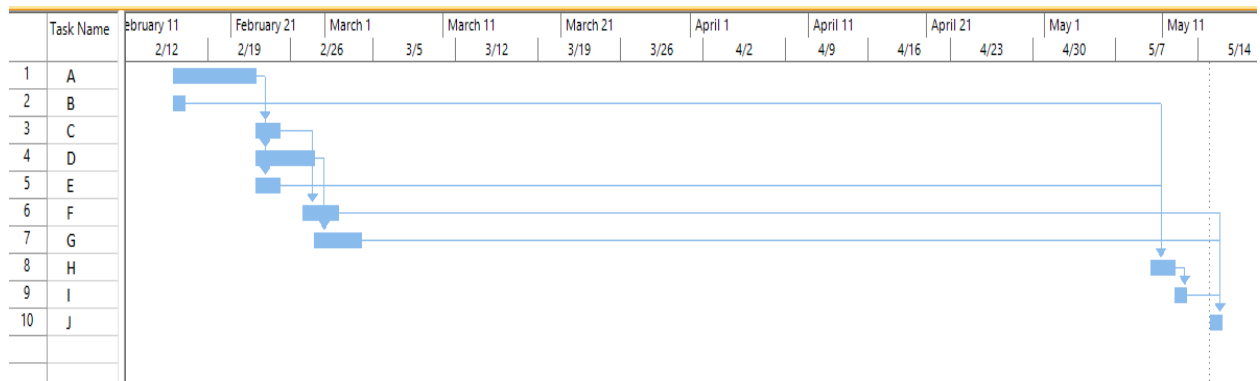


2. Consider the following table of information:

Activity	Duration	Depends on
A	5 days	-
B	1 days	-
C	2 days	A
D	3 days	A
E	2 days	A
F	3 days	C
G	4 days	D
H	2 days	B,E
I	1 days	H
J	1 days	F,G,I

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	5 days	Thu 2/16/23 8:00 AM	Wed 2/22/23 5:00 PM	
2	B	1 day	Thu 2/16/23 8:00 AM	Thu 2/16/23 5:00 PM	
3	C	2 days	Thu 2/23/23 8:00 AM	Fri 2/24/23 5:00 PM	1
4	D	3 days	Thu 2/23/23 8:00 AM	Mon 2/27/23 5:00 PM	1
5	E	2 days	Thu 2/23/23 8:00 AM	Fri 2/24/23 5:00 PM	1
6	F	3 days	Mon 2/27/23 8:00 AM	Wed 3/1/23 5:00 PM	3
7	G	4 days	Tue 2/28/23 8:00 AM	Fri 3/3/23 5:00 PM	4
8	H	2 days	Wed 5/10/23 8:00 AM	Thu 5/11/23 5:00 PM	2,5
9	I	1 day	Fri 5/12/23 8:00 AM	Fri 5/12/23 5:00 PM	8
10	J	1 day	Mon 5/15/23 8:00 AM	Mon 5/15/23 5:00 PM	6,7,9

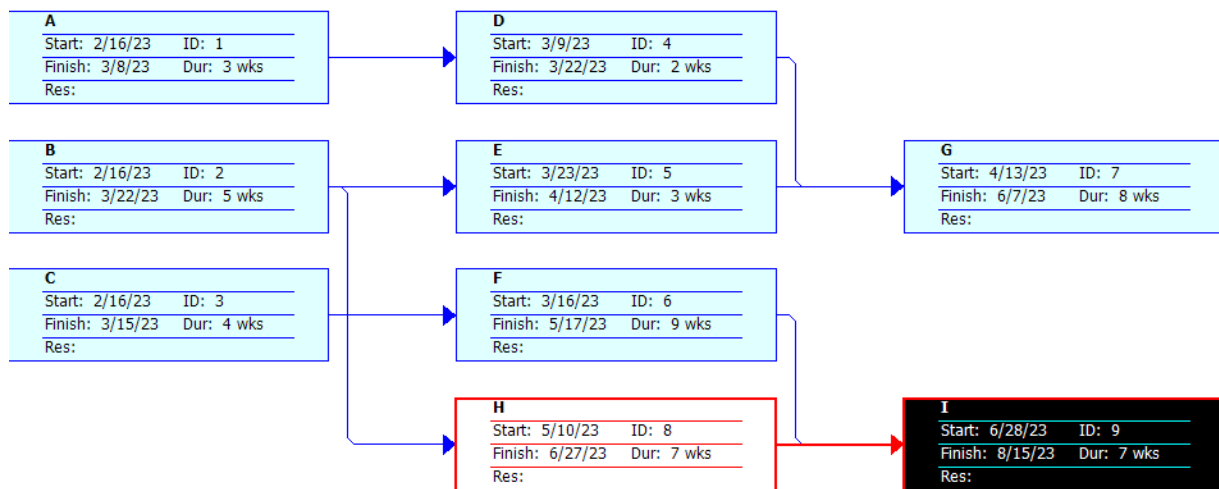
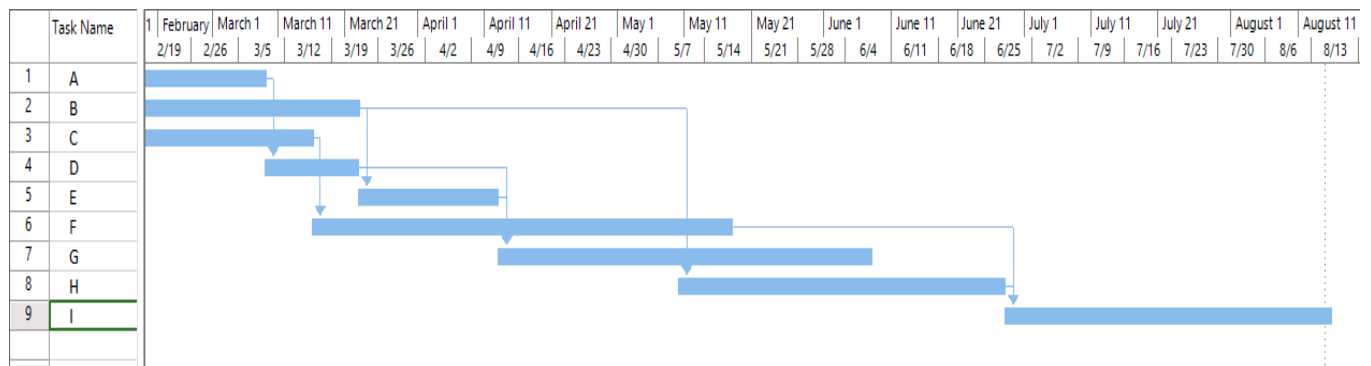


3. Consider the following table of information:

Activity	Duration(week)	Precedents
A	3	None
B	5	None
C	4	None
D	2	A
E	3	B
F	9	C
G	8	D,E
H	7	B
I	7	F,H

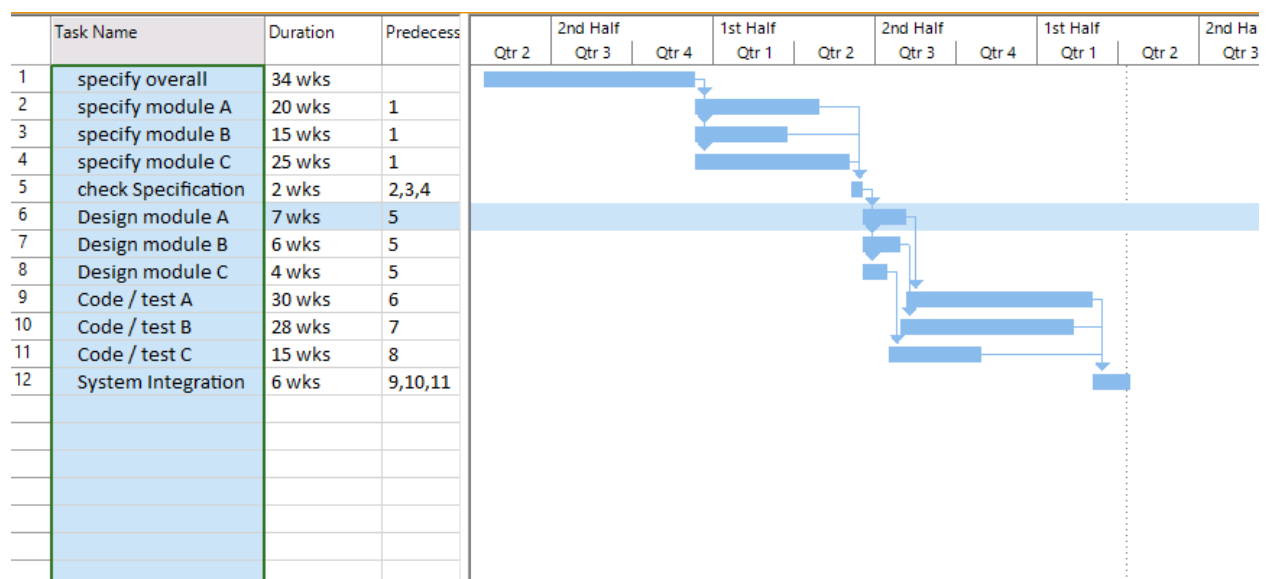
Draw the precedence network diagram and Gantt Chart using MS Project.

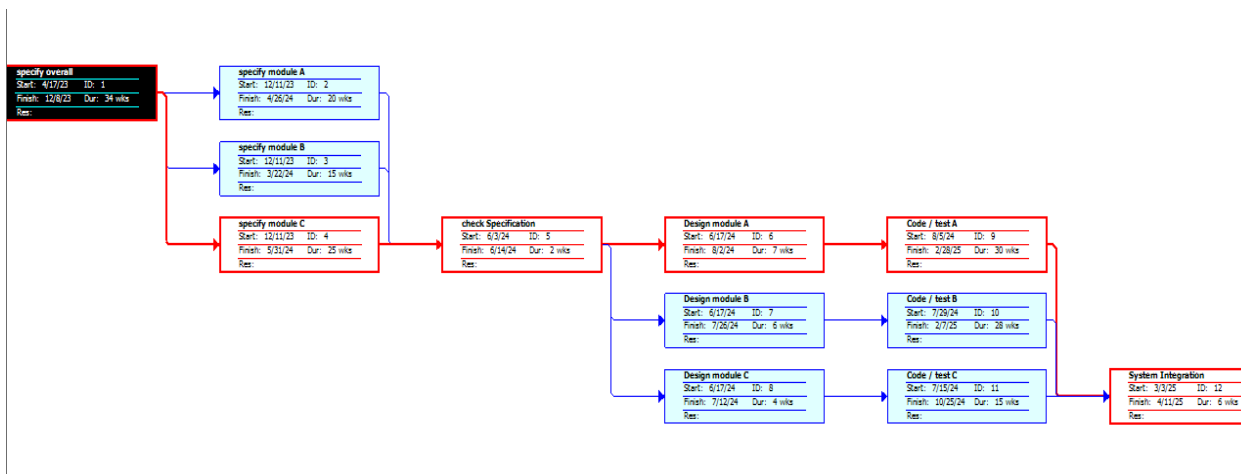
	Task Name	Duration	Start	Finish	Predecessors
1	A	3 wks	Thu 2/16/23 8:00 AM	Wed 3/8/23 5:00 PM	
2	B	5 wks	Thu 2/16/23 8:00 AM	Wed 3/22/23 5:00 PM	
3	C	4 wks	Thu 2/16/23 8:00 AM	Wed 3/15/23 5:00 PM	
4	D	2 wks	Thu 3/9/23 8:00 AM	Wed 3/22/23 5:00 PM	1
5	E	3 wks	Thu 3/23/23 8:00 AM	Wed 4/12/23 5:00 PM	2
6	F	9 wks	Thu 3/16/23 8:00 AM	Wed 5/17/23 5:00 PM	3
7	G	8 wks	Thu 4/13/23 8:00 AM	Wed 6/7/23 5:00 PM	4,5
8	H	7 wks	Wed 5/10/23 8:00 AM	Tue 6/27/23 5:00 PM	2
9	I	7 wks	Wed 6/28/23 8:00 AM	Tue 8/15/23 5:00 PM	6,8



4. Consider the following table of information:

Activity	Duration(week)	precedence
Specify overall	34	None
Specify module A	20	A
Specify module B	15	A
Specify module C	25	A
Check specification	2	B,C,D
Design module A	7	E
Design module B	6	E
Design module C	4	E
Code /test A	30	F
Code /test B	28	G
Code /test C	15	H
System Integration	6	F,G,H



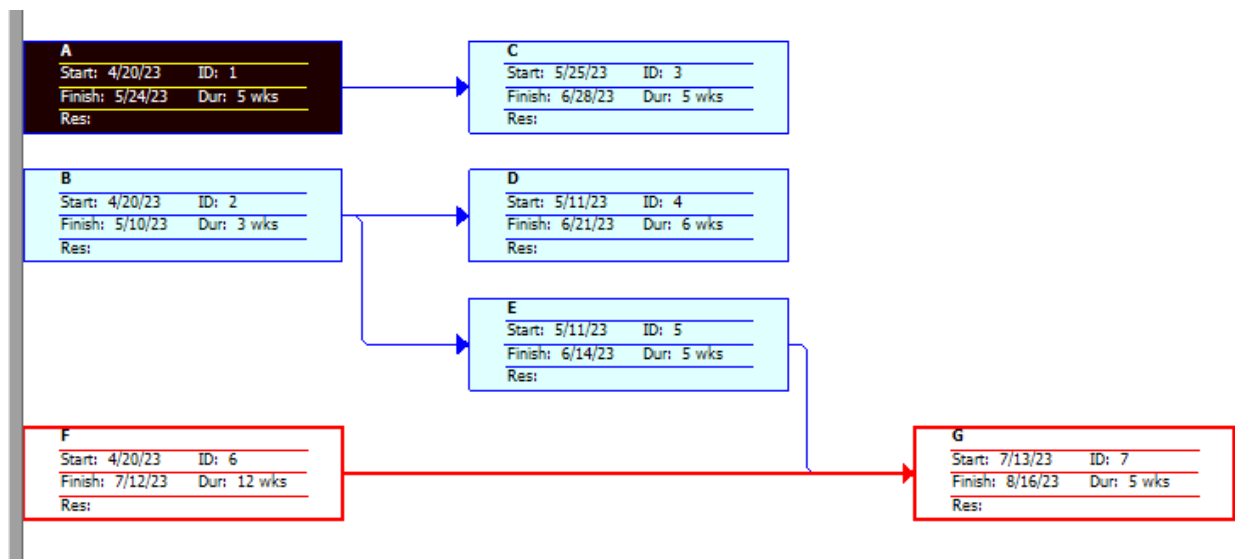
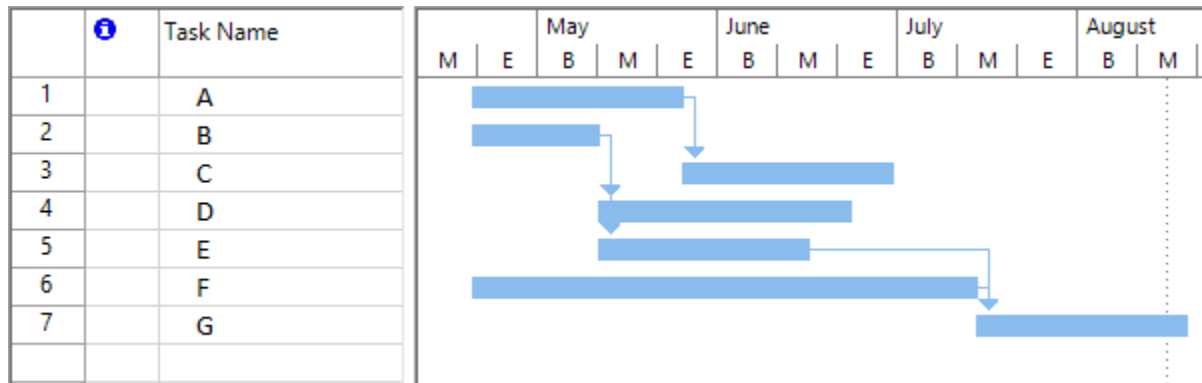


5. Consider the following table of information:

Activity	Duration(week)	Precedents
A	5	None
B	3	None
C	5	A
D	6	B
E	5	B
F	12	None
G	5	E,F

Draw the precedence network diagram and Gantt Chart using MS Project.

		Task Name	Duration	Start	Finish	Predecessors
1		A	5 wks	Thu 4/20/23 8:00 AM	Wed 5/24/23 5:00 PM	
2		B	3 wks	Thu 4/20/23 8:00 AM	Wed 5/10/23 5:00 PM	
3		C	5 wks	Thu 5/25/23 8:00 AM	Wed 6/28/23 5:00 PM	1
4		D	6 wks	Thu 5/11/23 8:00 AM	Wed 6/21/23 5:00 PM	2
5		E	5 wks	Thu 5/11/23 8:00 AM	Wed 6/14/23 5:00 PM	2
6		F	12 wks	Thu 4/20/23 8:00 AM	Wed 7/12/23 5:00 PM	
7		G	5 wks	Thu 7/13/23 8:00 AM	Wed 8/16/23 5:00 PM	5,6

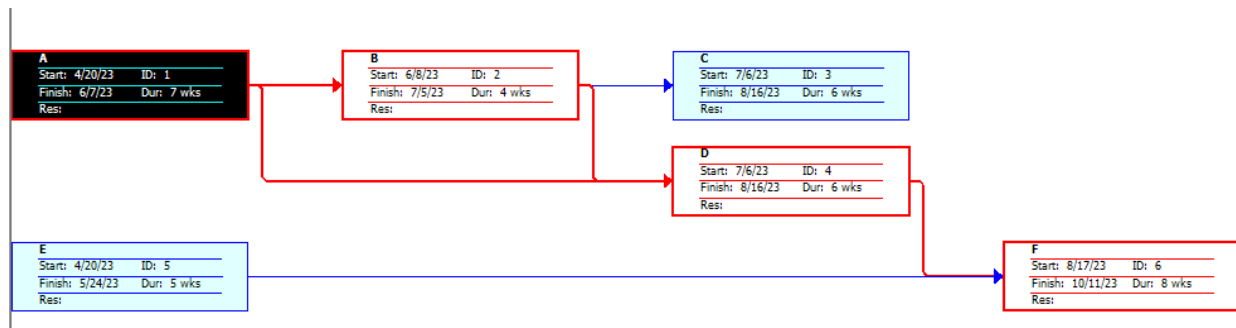
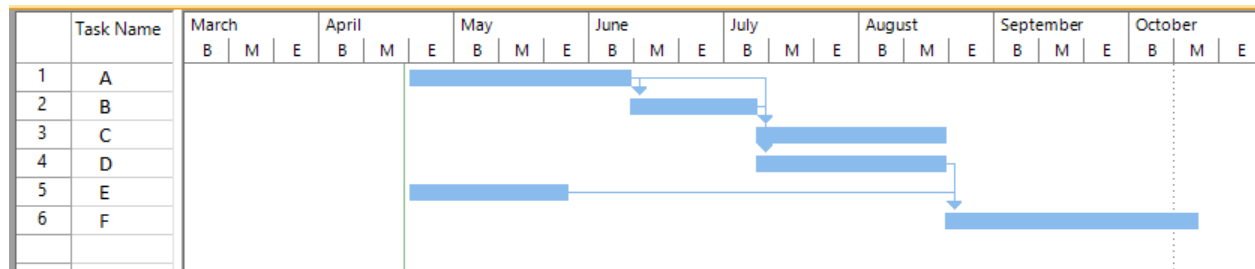


5. Consider the following table of information:

Activity	Duration(week)	Precedents
A	7	None
B	4	A
C	6	B
D	6	A,B
E	5	None
F	8	D,E

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	7 wks	Thu 4/20/23 8:00 AM	Wed 6/7/23 5:00 PM	
2	B	4 wks	Thu 6/8/23 8:00 AM	Wed 7/5/23 5:00 PM	1
3	C	6 wks	Thu 7/6/23 8:00 AM	Wed 8/16/23 5:00 PM	2
4	D	6 wks	Thu 7/6/23 8:00 AM	Wed 8/16/23 5:00 PM	2,1
5	E	5 wks	Thu 4/20/23 8:00 AM	Wed 5/24/23 5:00 PM	
6	F	8 wks	Thu 8/17/23 8:00 AM	Wed 10/11/23 5:00 PM	4,5

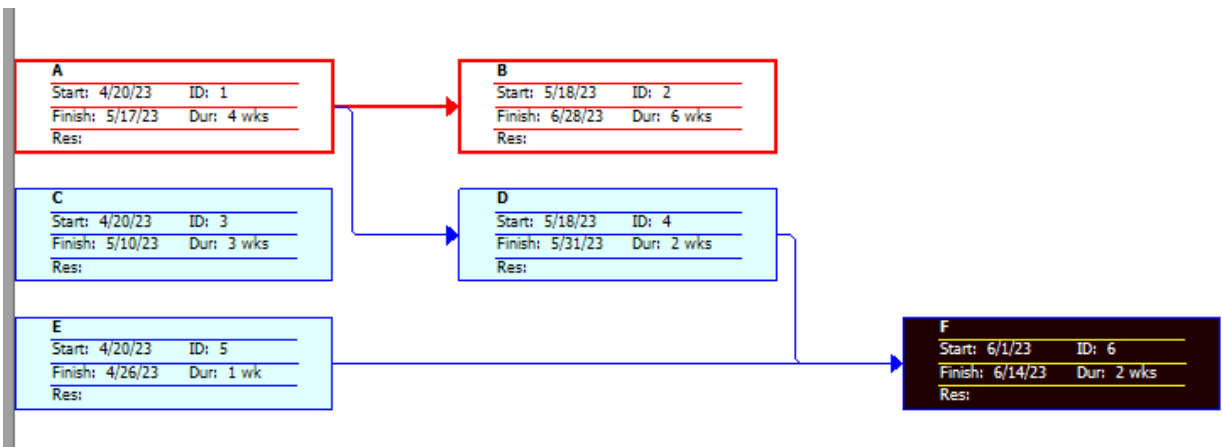
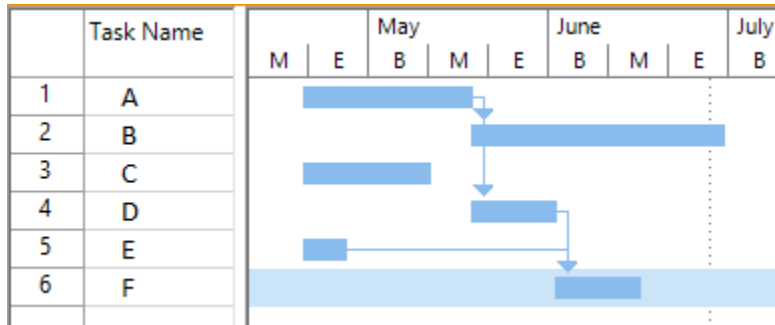


6. Consider the following table of information:

Activity	Duration(week)	Precedents
A	4	None
B	6	A
C	3	None
D	2	A
E	1	None
F	2	D,E

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	4 wks	Thu 4/20/23 8:00 AM	Wed 5/17/23 5:00 PM	
2	B	6 wks	Thu 5/18/23 8:00 AM	Wed 6/28/23 5:00 PM	1
3	C	3 wks	Thu 4/20/23 8:00 AM	Wed 5/10/23 5:00 PM	
4	D	2 wks	Thu 5/18/23 8:00 AM	Wed 5/31/23 5:00 PM	1
5	E	1 wk	Thu 4/20/23 8:00 AM	Wed 4/26/23 5:00 PM	
6	F	2 wks	Thu 6/1/23 8:00 AM	Wed 6/14/23 5:00 PM	4,5

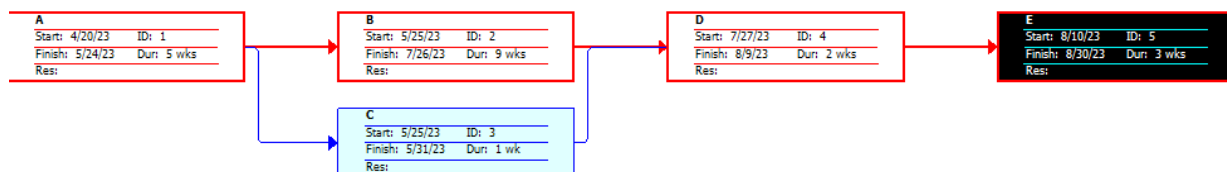
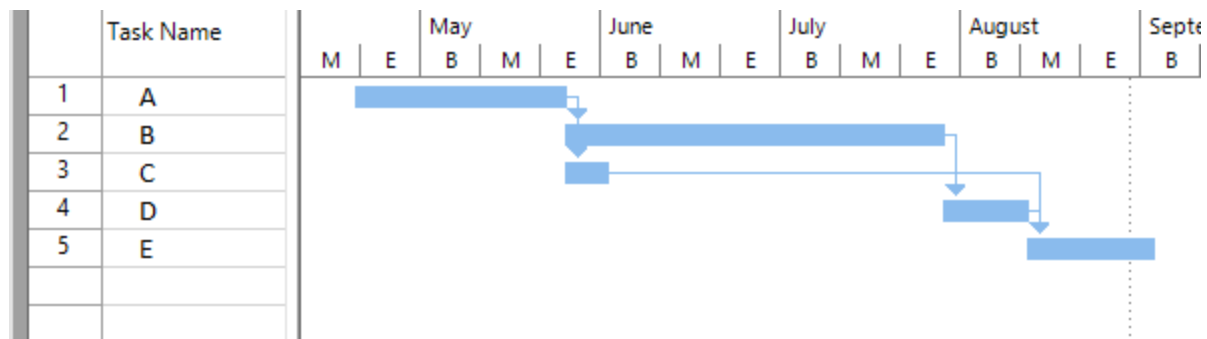


7. Consider the following table of information:

Activity	Duration(week)	Precedents
A	5	None
B	9	A
C	1	A
D	2	B
E	3	C,D

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	5 wks	Thu 4/20/23 8:00 AM	Wed 5/24/23 5:00 PM	
2	B	9 wks	Thu 5/25/23 8:00 AM	Wed 7/26/23 5:00 PM	1
3	C	1 wk	Thu 5/25/23 8:00 AM	Wed 5/31/23 5:00 PM	1
4	D	2 wks	Thu 7/27/23 8:00 AM	Wed 8/9/23 5:00 PM	2
5	E	3 wks	Thu 8/10/23 8:00 AM	Wed 8/30/23 5:00 PM	3,4

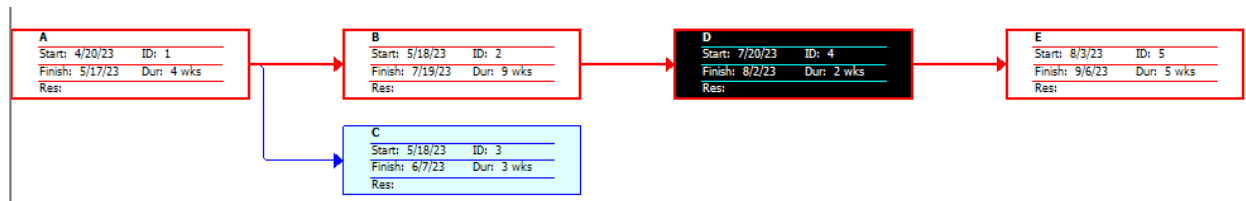
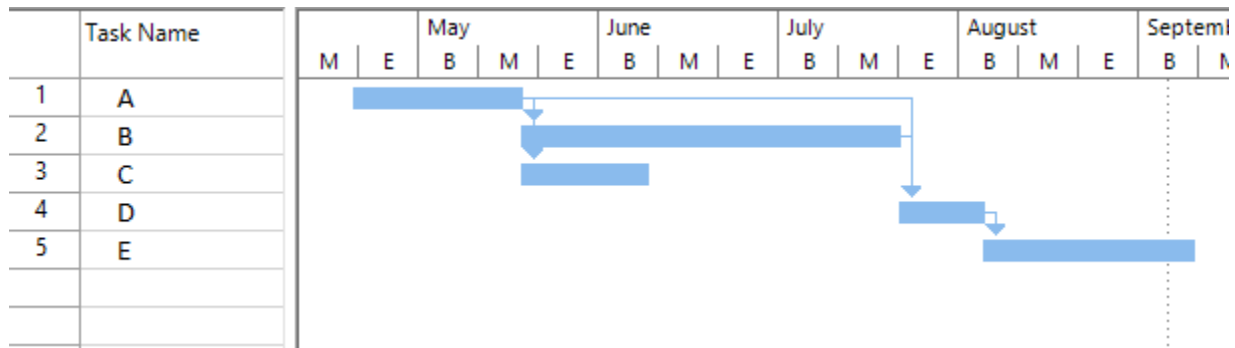


8. Consider the following table of information:

Activity	Duration(week)	Precedents
A	4	None
B	9	A
C	3	A
D	2	A,B
E	5	D

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	4 wks	Thu 4/20/23 8:00 AM	Wed 5/17/23 5:00 PM	
2	B	9 wks	Thu 5/18/23 8:00 AM	Wed 7/19/23 5:00 PM	1
3	C	3 wks	Thu 5/18/23 8:00 AM	Wed 6/7/23 5:00 PM	1
4	D	2 wks	Thu 7/20/23 8:00 AM	Wed 8/2/23 5:00 PM	1,2
5	E	5 wks	Thu 8/3/23 8:00 AM	Wed 9/6/23 5:00 PM	4

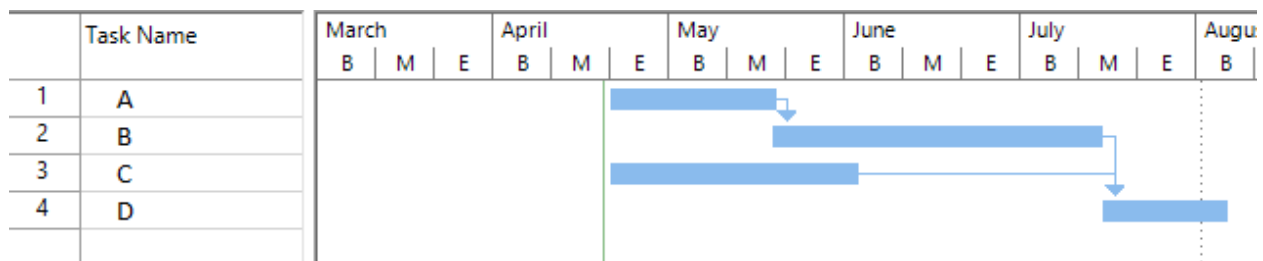


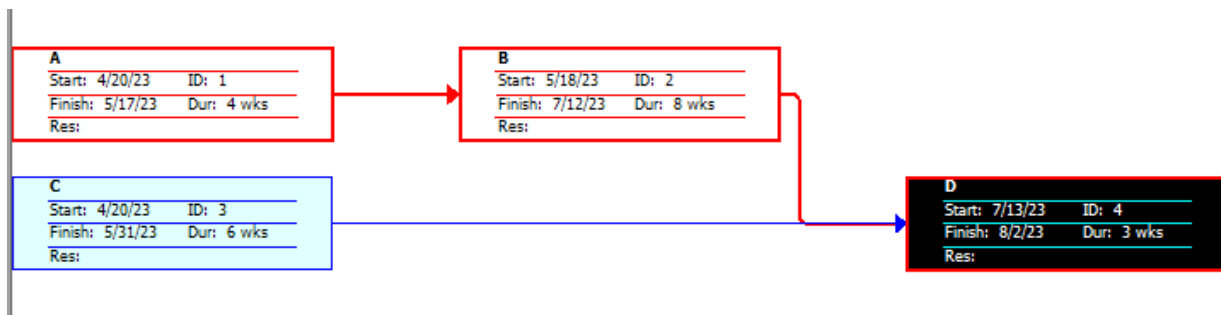
9. Consider the following table of information:

Activity	Duration(week)	Precedents
A	4	None
B	8	A
C	6	None
D	3	B,C

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	4 wks	Thu 4/20/23 8:00 AM	Wed 5/17/23 5:00 PM	
2	B	8 wks	Thu 5/18/23 8:00 AM	Wed 7/12/23 5:00 PM	1
3	C	6 wks	Thu 4/20/23 8:00 AM	Wed 5/31/23 5:00 PM	
4	D	3 wks	Thu 7/13/23 8:00 AM	Wed 8/2/23 5:00 PM	2,3



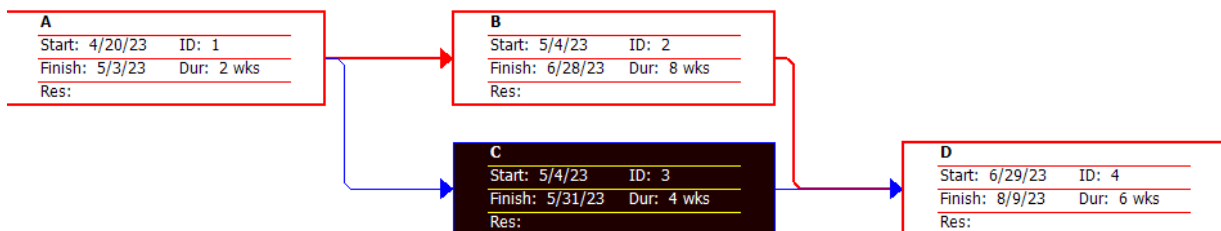
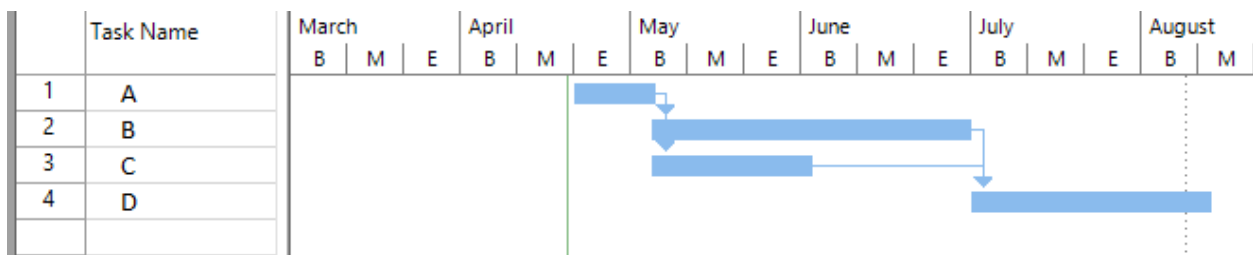


10. Consider the following table of information:

Activity	Duration(week)	Precedents
A	2	None
B	8	A
C	4	A
D	6	B,C

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	2 wks	Thu 4/20/23 8:00 AM	Wed 5/3/23 5:00 PM	
2	B	8 wks	Thu 5/4/23 8:00 AM	Wed 6/28/23 5:00 PM	1
3	C	4 wks	Thu 5/4/23 8:00 AM	Wed 5/31/23 5:00 PM	1
4	D	6 wks	Thu 6/29/23 8:00 AM	Wed 8/9/23 5:00 PM	2,3

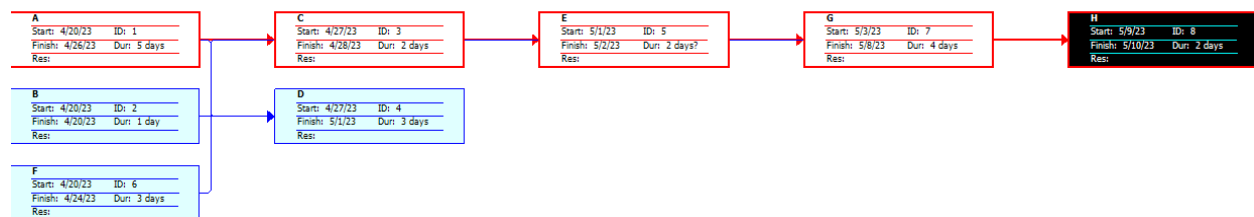
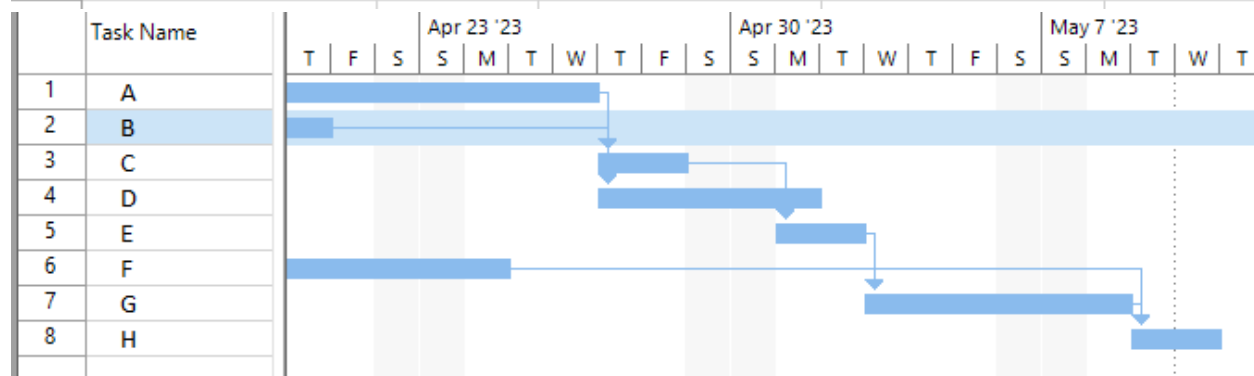


11. Consider the following table of information:

Activity	Duration	Depends on
A	5 days	-
B	1 days	-
C	2 days	A
D	3 days	A,B
E	2 days	C
F	3 days	-
G	4 days	E
H	2 days	F,G

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	5 days	Thu 4/20/23 8:00 AM	Wed 4/26/23 5:00 PM	
2	B	1 day	Thu 4/20/23 8:00 AM	Thu 4/20/23 5:00 PM	
3	C	2 days	Thu 4/27/23 8:00 AM	Fri 4/28/23 5:00 PM	1
4	D	3 days	Thu 4/27/23 8:00 AM	Mon 5/1/23 5:00 PM	2,1
5	E	2 days?	Mon 5/1/23 8:00 AM	Tue 5/2/23 5:00 PM	3
6	F	3 days	Thu 4/20/23 8:00 AM	Mon 4/24/23 5:00 PM	
7	G	4 days	Wed 5/3/23 8:00 AM	Mon 5/8/23 5:00 PM	5
8	H	2 days	Tue 5/9/23 8:00 AM	Wed 5/10/23 5:00 PM	6,7

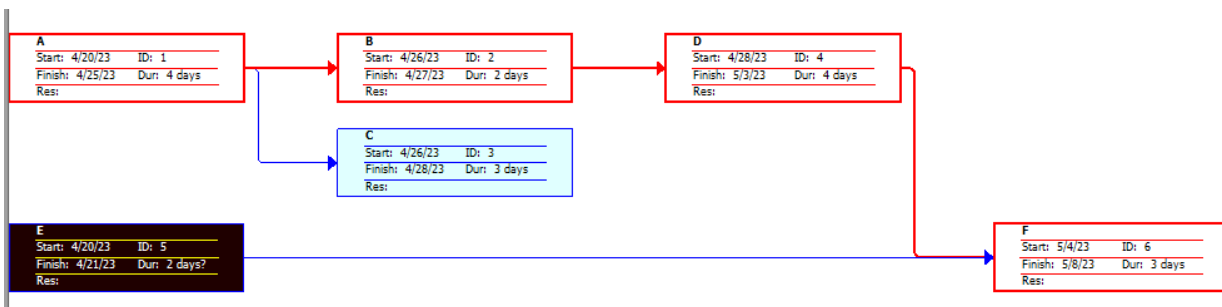
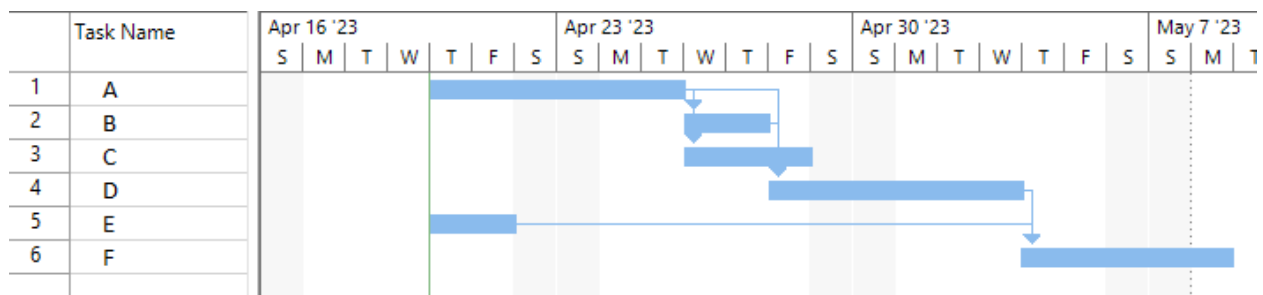


12. Consider the following table of information:

Activity	Duration	Depends on
A	4 days	-
B	2 days	A
C	3 days	A
D	4 days	A,B
E	2 days	-
F	3 days	D,E

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	4 days	Thu 4/20/23 8:00 AM	Tue 4/25/23 5:00 PM	
2	B	2 days	Wed 4/26/23 8:00 AM	Thu 4/27/23 5:00 PM	1
3	C	3 days	Wed 4/26/23 8:00 AM	Fri 4/28/23 5:00 PM	1
4	D	4 days	Fri 4/28/23 8:00 AM	Wed 5/3/23 5:00 PM	1,2
5	E	2 days?	Thu 4/20/23 8:00 AM	Fri 4/21/23 5:00 PM	
6	F	3 days	Thu 5/4/23 8:00 AM	Mon 5/8/23 5:00 PM	4,5



13 . Consider the following table of information:

Activity	Duration	Depends on
A	1 days	-
B	3 days	A
C	3 days	A
D	6 days	A,B
E	6 days	-
F	4 days	D,E

Draw the precedence network diagram and Gantt Chart using MS Project.

	Task Name	Duration	Start	Finish	Predecessors
1	A	1 day	Thu 4/20/23 8:00 AM	Thu 4/20/23 5:00 PM	
2	B	3 days	Fri 4/21/23 8:00 AM	Tue 4/25/23 5:00 PM	1
3	C	3 days	Fri 4/21/23 8:00 AM	Tue 4/25/23 5:00 PM	1
4	D	6 days	Wed 4/26/23 8:00 AM	Wed 5/3/23 5:00 PM	1,2
5	E	6 days	Thu 4/20/23 8:00 AM	Thu 4/27/23 5:00 PM	
6	F	4 days	Thu 5/4/23 8:00 AM	Tue 5/9/23 5:00 PM	4,5

