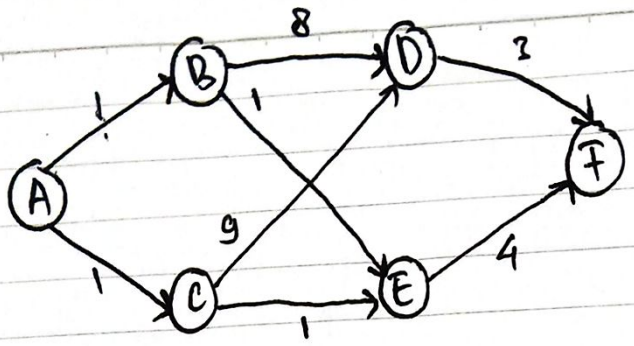


*) tahap 1

$f_1(S) = C_{x_1 S}$

S	$f_1(x_1, S)$	x_1^*
B	1	A
C	1	A

*) tahap 2

$f_2(S) = \min \{ C_{x_2 S} + f_1(x_2) \}$

S \ x_2	$f_2(x_2, S) = C_{x_2 S} + f_1(x_2)$		Solusi	
	B	C	$f_2(S)$	x_2^*
D	9	10	9	B
E	2	2	2	B, C

[B, B, C] [9, 2, 2]

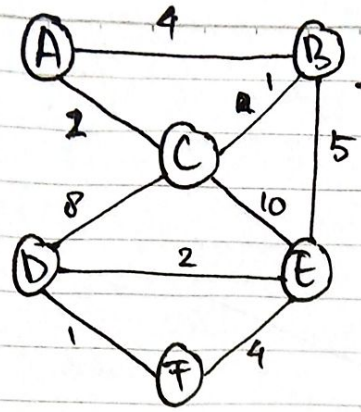
*) tahap 3

$f_3(S) = \min \{ C_{x_3 S} + f_2(x_3) \}$.

S \ x_2	$f_3(x_3, S) = C_{x_3 S} + f_2(x_3)$		Solusi	
	D	E	$f_3(S)$	X_3^*
F	12	6	6	E

⇒ [E] [6].

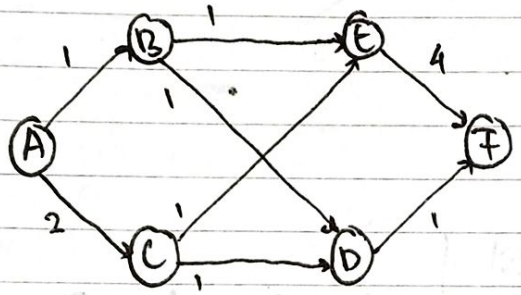
9)



Step	selected vertex	A	B	C	D	E	F
1		0	∞	∞	∞	∞	∞
2	A	0	4	2	∞	∞	∞
3	C	0	3	2	10	12	∞
4	B	0	3	2	∞	8	∞
5	E	0	3	2	10	8	12
6	D	0	3	2	10	8	11
7	F						

Start : A.
Step 4 : [a, b, c, d, e, f] [0, 3, 2, ∞, 8, ∞]
Step 3 : [a, b, c, d, e, f] [0, 3, 2, 10, 12, ∞]
Step 6 : [a, b, c, d, e, f] [0, 3, 2, 10, 8, 11]
Step 7 : tidak ada

23)



*) tahap 1

S	$f_1(S)$	x_1^*
B	1	A
C	2	A

Step 1 : ~~[A]~~ [A, A] [1, 2]

*) tahap 2

S \ x_2	B	C	$f_2(S)$	x_2^*
D	2	3	2	B
E	2	3	2	B

*) tahap 3

S	D	E	$f_3(S)$	x_3^*
F	3	6	3	D

No.

Date

24)

Item	w	v
1	3	25
2	2	20
3	1	15
4	4	40
5	5	50

$W = 6$

*) Step 1

~~y fo(y) 25 + fo(y-2~~

y	fo(y)	25 + fo(y-3)	f1(y)
0	0	-∞	0
1	0	-∞	0
2	0	-∞	0
3	0	25	25
4	0	25	25
5	0	25	25
6	0	25	25

*) Step 2

y	f1(y)	20 + f1(y-2)	f2(y)
0	0	-∞	0
1	0	-∞	0
2	0	20	20
3	25	20	20
4	25	20	20
5	25	20 + 25	45
6	25	20 + 25	45

*) Step 3

y	f2(y)	15 + f2(y-1)	f3(y)
0	0	-∞	0
1	0	15	15
2	20	15	20
3	20	15 + 20	35
4	20	15 + 20	35
5	45	15 + 20	45
6	45	15 + 45	60

*) Step 4

y	f3(y)	40 + f3(y-4)	f4(y)
0	0	-∞	0
1	15	-∞	15
2	20	-∞	20
3	35	-∞	35
4	35	40	40
5	45	40 + 15	55
6	60	40 + 20	60

$y_3(K) = [0, 15, 20, 35, 35, 45, 60]$

$y_4(K) = [0, 15, 20, 35, 40, 55, 60]$