a. Notasi dari graph :

G={V,E}

V={A,B,C,D,E,F,G}

E= {(A,B), (B,C), (B,D), (B,E), (C,D), (C,E), (D,A), (D,E), (E,F), (G,D)}

b. Jumlah in-degree : A=1, B=1, C=1, D=3, E=3, F=1, G=0 ; out-degree : A=1, B=3, C=2, D=2, E=1, F=0, G=1; edge: 10

c. adjacency matriks

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F | G |
| A | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| B | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| C | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| D | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| E | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| F | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

d. weight = sesuai bobot tiap node.