Bài 1:

5.1

d(A) = 3, d(B) = 4, d(C) = 4, d(D) = 4, d(E) = 2, d(F) = 5, d(G) = 2

5.2

d(A) = 5, d(B) = 4, d(C) = 4, d(D) = 5, d(E) = 2, d(F) = 6

5.3

d(A) = 5, d(B) = 6, d(C) = 4, d(D) = 4, d(E) = 4, d(F) = 3

5.6

d(A)+ = 3, d(B)+ =2, d(C)+ = 2, d(D)+ = 1, d(E)+ = 1, d(F)+ = 1

d(A)- = 0, d(B)- =2, d(C)- = 2, d(D)- = 2, d(E)- = 3, d(F)- = 1

Bài 2:

5.1

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

5.6

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

5.7

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F |
| A |  | 110 | 90 | 100 |  |  |
| B | 110 |  | 50 |  | 55 | 80 |
| C | 90 | 50 |  | 40 | 80 |  |
| D | 100 |  | 40 |  | 60 |  |
| E |  | 55 | 80 | 60 |  | 70 |
| F |  | 80 |  |  | 70 |  |

5.11

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1 |  | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |
| 2 | 1 |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| 3 | 1 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |
| 4 | 1 |  |  |  | 1 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  | 1 |  |  |  |  |  | 1 | 1 |  |  |  |
| 6 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |
| 7 |  | 1 |  |  |  |  |  | 1 | 1 |  |  |  |  |  |
| 8 |  |  |  |  |  |  | 1 |  |  |  |  |  | 1 | 1 |
| 9 |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| 10 |  |  |  |  | 1 |  |  |  |  |  |  | 1 |  |  |
| 11 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
| 13 |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |

Bài 3:

5.1

First[0]: A->B->C->D->NULL

First[1]: B->A->C->E->F->NULL

First[2]: C->A->B->D->F->NULL

First[3]: D->A->C->F->G->NULL

First[4]: E->B->F->NULL

First[5]: F->B->C->D->E->G->NULL

Fist[6]: G->D->F->NULL

5.7

First[0]: A->B->C->D->NULL

First[1]: B->A->C->E->F->NULL

First[2]: C->A->B->D->E->NULL

First[3]: D->A->C->E->NULL

First[4]: E->B->C->D->NULL

First[5]: F->B->E->NULL

5.8

First[0]: A->B->C->D->NULL

First[1]: B->A->C->E->F->NULL

First[2]: C->A->B->D->F->NULL

First[3]: D->A->C->F->G->NULL

First[4]: E->B->F->NULL

First[5]: F->B->C->D->E->G->NULL

First[6]: G->D->F->NULL

5.11

First[0]: 1->2->3->4->NULL

First[1]: 2->1->7->NULL

First[2]: 3->1->6->NULL

First[3]: 4->1->5->NULL

First[4]: 5->4->10->11->NULL

First[5]: 6->3->NULL

First[6]: 7->2->8->9->NULL

First[7]: 8->7->13->14

First[8]: 9->7->NULL

First[9]: 10->5->12->NULL

First[10]: 11->5->NULL

First[11]: 12->10->NULL

First[12]: 13->8->NULL

First[13]: 14->8->NULL