**BÀI 1:**

**VD 5.1:**

d(a) = 3,d(b) = 4,d(c) = 4,d(d) = 4,d(e) = 2,d(f)= 5,d(g) = 2

**VD 5.2:**

d(a) = 5,d(b) = 4,d(c) = 4,d(d) = 5,d(e) = 2,d(f) = 6

**ví dụ 5.3:**

d(a) = 5,d(b) = 6,d(c) = 4,d(d) = 4,d(e) = 4,d(f) = 3

**ví dụ 5.6:**

d(a) = 3,d(b) = 4,d(c) = 4,d(d) = 3,d(e) = 4,d(f) = 2

**BÀI 2:**

**VD 5.1:**

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

**VD 5.6:**

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

**VD 5.7:**

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

**VD 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:**

**VD 5.1:**

* First[0]: a -> b -> c -> d ->NULL
* First[1]: b -> a -> c -> e -> f ->NULL
* First[2]: c -> b -> a -> 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 -> f -> d ->NULL

**VD 5.7:**

* First[0]: a -> b -> c -> d ->NULL
* First[1]: b -> a -> c -> e -> f ->NULL
* First[2]: c -> b -> a -> 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 -> f -> d ->NULL

**VD 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 -> 10 -> 11 -> 4 ->NULL
* First[5]: 6 -> 3 ->NULL
* First[6]: 7 -> 2 -> 8 -> 9 ->NULL
* First[7]: 8 -> 13 -> 14 ->NULL
* First[8]: 9 -> 7 ->NULL
* First[9]: 10 -> 12 -> 5 ->NULL
* First[10]: 11 -> 5 ->NULL
* First[11]: 12 -> 10 ->NULL
* First[12]: 13 -> 8 ->NULL
* First[13]: 14 -> 8 ->NULL