**BÀI TẬP LÝ THUYẾT – CHƯƠNG 5**

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**MSSV:** 1654050052 – **Nhóm: 04**

**Bài làm:**

**Câu 3: Cho biết danh sách kề của đồ thị tại ví dụ 5.1, 5.7, 5.8, 5.11:**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VÍ DỤ 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 |
| First[6] | **G** | → | D | → | F | → | NULL |  |  |  |  |  |  |

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|  | VÍ DỤ 5.7: | | | | | | | |  |
| First[0] | **A** | → | C | → | D | → | F | → | NULL |
| First[1] | **B** | → | D | → | E | → | NULL |  |  |
| First[2] | **C** | → | A | → | F | → | NULL |  |  |
| First[3] | **D** | → | A | → | B | → | F | → | NULL |
| First[4] | **E** | → | B | → | D | → | NULL |  |  |
| First[5] | **F** | → | A | → | C | → | D | → | NULL |
| First[6] | **G** | → | NULL |  |  |  |  |  |  |

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| VÍ DỤ 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 | → | NULL |
| First[8] | **9** | → | 7 | → | NULL |  |  |  |  |
| First[9] | **10** | → | 5 | → | 11 | → | NULL |  |  |
| First[10] | **11** | → | 5 | → | NULL |  |  |  |  |
| First[11] | **12** | → | 10 | → | NULL |  |  |  |  |
| First[12] | **13** | → | 8 | → | NULL |  |  |  |  |
| First[13] | **14** | → | 8 | → | NULL |  |  |  |  |