Câu 1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | T1  100 | T2  200 | T3  300 | A0 | A1 | A2 | B0 | B1 | B2 |
| 1 |  | RA |  | 200  0 |  |  |  |  |  |
| 2 | WA |  |  | ROLL  BACK |  |  |  |  |  |
| 3 | WB |  |  |  |  |  |  |  |  |
| 4 |  | RB |  |  |  |  |  |  |  |
| 5 |  |  | RA |  |  |  |  |  |  |
| 6 |  | WA |  |  |  |  |  |  |  |
| 7 |  |  | WB |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

* T2 phải thực hiện trước T1

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | T1  400 | T2  200 | T3  300 | A0 | A1 | A2 | B0 | B1 | B2 |
| 1 |  | RA |  | 200  0 |  |  |  |  |  |
| 2 | WA |  |  |  | 0  400 |  |  |  |  |
| 3 | WB |  |  |  |  |  |  | 0  400 |  |
| 4 |  | RB |  |  |  |  | 200  0 |  |  |
| 5 |  |  | RA | 300  0 |  |  |  |  |  |
| 6 |  | WA |  | ROLL  BACK |  |  |  |  |  |
| 7 |  |  | WB |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

T2 phải sau T3 (1)

Gán lại T2 = 350

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | T1  400 | T2  350 | T3  300 | A0 |  | A1 | A2 | B0 |  | B1 | B2 |
| 1 |  | RA |  | 350  0 |  |  |  |  |  |  |  |
| 2 | WA |  |  |  |  | 0  400 |  |  |  |  |  |
| 3 | WB |  |  |  |  |  |  |  |  | 0  400 |  |
| 4 |  | RB |  |  |  |  |  | 350  0 |  |  |  |
| 5 |  |  | RA | 350  0 |  |  |  |  |  |  |  |
| 6 |  | WA |  |  | 0  350 |  |  |  |  |  |  |
| 7 |  |  | WB |  |  |  |  | Roll back |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

T3 phải thực hiện sau T2 (2)

Từ (1), (2) 🡪 Lịch S có chu trình 🡪 không thể thực hiện