|  |  |  |
| --- | --- | --- |
| Dest | Dist | next |
| A | 0 | A |
| B | 2 | B |
| C | OO | - |
| D | 1 | D |

A routing table

B routing table

|  |  |  |
| --- | --- | --- |
| Dest | Dist | Next |
| A | 2 | A |
| B | 0 | B |
| C | 3 | C |
| D | 7 | D |

C routing table

|  |  |  |
| --- | --- | --- |
| Dest | Dist | Next |
| A | OO | - |
| B | 3 | B |
| C | 0 | C |
| D | 11 | D |

D routing table

|  |  |  |
| --- | --- | --- |
| Dest | Dist | Next |
| A | 1 | A |
| B | 7 | B |
| C | 11 | C |
| D | 0 | D |

First Routing

For A We need B and D

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| B | D |  | A | 0 | A |
| 2 | 1 |  | B | 2 | B |
| 0 | 7 |  | C | 5 | B |
| 3 | 11 |  | D | 1 | D |
| 7 | 0 |  |  |  |  |

For B : C ,D and from A(0,2,3,1)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| C | D |  | A | 2 | A |
| OO | 1 |  | B | 0 | B |
| 3 | 7 |  | C | 2 | C |
| 0 | 11 |  | D | 3 | D |
| 11 | 0 |  |  |  |  |

For C: B ,D

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| B | D |  | A | 5 | A |
| 2 | 1 |  | B | 3 | B |
| 0 | 3 |  | C | 0 | C |
| 3 | 10 |  | D | 6 | D |
| 3 | 0 |  |  |  |  |

For D: A ,C and from B (2,0,3,3)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A | C |  | A | 1 | A |
| 0 | 5 |  | B | 3 | A |
| 2 | 3 |  | C | 10 | B |
| 5 | 0 |  | D | 6 | D |
| 1 | 10 |  |  |  |  |

Second round:

For A We need B and D

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| B | D |  | A | 0 | A |
| 2 | 1 |  | B | 2 | B |
| 0 | 3 |  | C | 5 | B |
| 3 | 10 |  | D | 1 | D |
| 3 | 0 |  |  |  |  |

For B : C ,D and from A(0,2,oo,1)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| C | D |  | A | 2 | A |
| OO | 1 |  | B | 0 | B |
| 3 | 7 |  | C | 2 | C |
| 0 | 11 |  | D | 3 | D |
| 11 | 0 |  |  |  |  |

For C: B ,D

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| B | D |  | A | 5 | B |
| 2 | 1 |  | B | 3 | B |
| 0 | 6 |  | C | 0 | C |
| 3 | 11 |  | D | 10 | D |
| 7 | 0 |  |  |  |  |

For D: A ,C and from B (2,0,3,3)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A | C |  | A | 1 | A |
| 0 | 5 |  | B | 3 | A |
| 2 | 3 |  | C | 10 | B |
| 5 | 0 |  | D | 6 | D |
| 1 | 10 |  |  |  |  |