|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pass: | initial | **1** | **2** | **3** | **4** | **5** | **6** | shortest distance | predecessor |
| Active vertex: | 🡪 0 | **0** | **1** | **2** | **3** | **4** | **5** |  |  |
| **0** | 0 | - | **-** | - | - | - | - | 0 | **-** |
| **1** | **∞** | 4 | - | - | - | **-** | - | 4 | **0** |
| **2** | **∞** | 6 | 5 | - | - | - | - | 5 | **1** |
| **3** | **∞** | **∞** | 9 | 7 | - | - | - | 7 | **2** |
| **4** | **∞** | **∞** | **∞** | 13 | 9 | - | - | 9 | **3** |
| **5** | **∞** | **∞** | **∞** | **∞** | **∞** | 15 | - | 15 | **4** |

