|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **1** | 0 | 2 | 5 | 3 | 5 | 6 | 6 |
| **2** | 2 | 0 | 4 | 1 | inf | inf | 4 |
| **3** | 5 | 4 | 0 | 3 | 2 | 1 | 1 |
| **4** | 3 | 1 | 3 | 0 | 2 | inf | inf |
| **5** | 5 | inf | 2 | 2 | 0 | 1 | inf |
| **6** | 6 | inf | 1 | inf | 1 | 0 | 3 |
| **7** | 6 | 4 | 1 | inf | inf | 3 | 0 |

Pas1.Tabela de rute

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nod | 1 | 2 | 3 | 4 | 6 | 7 |
| Cost | 5 | inf | 2 | 2 | 1 | inf |

Identficam nodul de cost minim=>6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nod | Formula | Valoare | Comparatie | Rezultat |
| 1 | C(5,6)+C(6,1) | 1+6=7 | 5<7 | Nu |
| 2 | C(5,6)+C(6,2) | 1+inf=inf | Inf=inf | Nu |
| 3 | C(5,6)+C(6,3) | 1+1=2 | 2=2 | Nu |
| 4 | C(5,6)+C(6,4) | 1+inf=inf | 2<inf | Nu |
| 7 | C(5,6)+C(6,7( | 1+3=4 | 4<inf | Ruta noua |

Pas2. Tabela de rute

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nod | 1 | 2 | 3 | 4 | 6\* | 7 |
| Cost | 5 | inf | 2 | 2 | 1 | 4 |

Identificam nodul de cost minim care nu a mai fost ales=>3 sau 4

Fie 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nod | Formula | Valoare | Comparatie | Rezultat |
| 1 | C(5,4)+C(4,1) | 2+3=5 | 5=5 | Nu |
| 2 | C(5,4)+C(4,2) | 2+1=3 | 3<inf | Ruta noua |
| 3 | C(5,4)+C(4,3) | 2+3=5 | 2<5 | Nu |
| 7 | C(5,4)+C(4,7) | 2+inf=inf | 4<inf | Nu |

Pas3.Tabela de rute

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nod | 1 | 2 | 3 | 4\* | 6\* | 7 |
| Cost | 5 | 3 | 2 | 2 | 1 | 4 |

Identificam nodul de cost minim care nu a fost ales inca=>3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nod | Formula | Valoare | Comparatie | Rezultat |
| 1 | C(5,3)+C(3,1) | 2+5=7 | 5<7 | Nu |
| 2 | C(5,3)+C(3,2) | 2+4=6 | 3<6 | Nu |
| 4 | C(5,3)+C(3,4) | 2+3=5 | 2<5 | Nu |
| 7 | C(5,3)+C(3,7) | 2+2=4 | 4=4 | Nu |

Pas 4.Tabela de rute

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nod | 1 | 2 | 3\* | 4\* | 6\* | 7 |
| Cost | 5 | 3 | 2 | 2 | 1 | 4 |

Idntificam nodul de cost minim care nu a fost ales inca=>2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nod | Formula | Valoare | Comparatie | Rezultat |
| 1 | C(5,2)+C(2,1) | 3+2=5 | 5=5 | Nu |
| 3 | C(5,2)+C(2,3) | 3+4=6 | 2<6 | Nu |
| 4 | C(5,2)+C(2,4) | 3+1=4 | 2<4 | Nu |
| 7 | C(5,2)+C(2,7) | 3+4=7 | 4<7 | Nu |

Pas 5.Tabela de rute

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nod | 1 | 2\* | 3\* | 4\* | 6\* | 7 |
| Cost | 5 | 3 | 2 | 2 | 1 | 4 |

Idntificam nodul de cost minim care nu a fost ales inca=>7

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nod | Formula | Valoare | Comparatie | Rezultat |
| 1 | C(5,7)+C(7,1) | 4+6=10 | 5<10 | Nu |
| 2 | C(5,7)+C(7,2) | 4+4=8 | 3<8 | Nu |
| 3 | C(5,7)+C(7,2) | 4+1=5 | 2<5 | Nu |
| 4 | C(5,7)+C(7,4) | 4+inf=inf | 4<inf | Nu |