A picture containing chart

Description automatically generated

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F | G | H | I |
| A | 0 | 3A | 2A | 0 | 7A | 0 | 0 | 27A | 0 |
| B |  | 3A | 2A | 11B | 7A | 0 | 18B | 27A | 0 |
| C |  |  | 2A | 11B | 6C | 11C | 18B | 27A | 0 |
| D |  |  |  | 11B | 6C | 11C | 15D | 27A | 0 |
| E |  |  |  |  | 6C | 11C | 11E | 12E | 15E |
| F |  |  |  |  |  | 11C | 11E | 12E | 15E |
| G |  |  |  |  |  | 11C | 13E | 12E | 18G |
| H |  |  |  |  |  | 11C | 13E | 12E | 14H |
|  |  |  |  |  |  |  |  |  |  |

Chart

Description automatically generated with medium confidence

|  |  |  |  |
| --- | --- | --- | --- |
| Adjacency List | Priority Queue | Track | Visited |
| A – B = 13 | G – I = 10  A – B = 13  E – G = 13  A – D = 15  G – H = 17  B – E = 18  F – G = 18  D – F = 20  G – J = 21  A – C = 22  D – E = 22  B – D = 26  D – G = 26  C – D = 28  E – H = 28 | NULL  A – B = 13  A – D = 15  B – E = 18  E – G = 13  G – I = 10  G – H = 17  D – F = 20  A – C = 22 | A  B  D  E  G  I  H  F  C |
| A – C = 22 |  |  |
| A – D = 15 |  |  |
| B – D = 26 |  |  |
| B – E = 18 |  |  |
| C – D = 28 |  |  |
| C – F = 14  D – E = 22 |  |  |
| D – F = 20 |  |  |
| D – G = 26 |  |  |
| E – G = 13 |  |  |
| E – H = 28 |  |  |
| F – G = 18 |  |  |
| F – I = 22 |  |  |
| G – I = 10 |  |  |
| G – J = 21 |  |  |
| G – H = 17  H – J = 12 |  |  |
| I – J = 26 |  |  |
|  |  |  |
|  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Adjacency List | Priority Queue | Track | Visited |
| **A – B = 16** | C – D = 10  C – I = 10  D – J = 10  H – I = 12  A – G = 14  G – H = 14  C – F = 15  E – H = 15  I – J = 15  A – B = 16  A – E = 17  D – F = 20  F – J = 20  B – C = 21  B – E = 23  F – I = 26  C – H = 28  E – G = 29  B – H = 30 |  | C D |
| **A – G = 14** |  | I |
| **A – E = 17** |  | J |
| B – C = 21 |  | H |
| B – E = 23 |  | G A |
| B – H = 30 |  | F |
| **C – D = 10** |  | E |
| C – H = 28 |  |  |
| **C – I = 10** |  |  |
| **C – F = 15** | A – B = 16 | B |
| **D – F = 20** |  |  |
| **D – J = 10** |  |  |
| E – G = 29 |  |  |
| **E – H = 15** |  |  |
| F – I = 26 |  |  |
| **F – J = 20** |  |  |
| **G – H = 14** |  |  |
| **H – I = 12** |  |  |
| **I – J = 15** |  |  |  |