

Applying Dijkstra's algorithm to a 20 node graph

```
cost={
  {0,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0,0,0},
  {1,0,1,0,0,0,1,0,0,0,0,0,0,0,0,0,0,0,0,0},
  {0,1,0,1,0,0,0,1,0,0,0,0,0,0,0,0,0,0,0,0},
  ...
  ...
  {0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,1,0,1,0,0},
  {0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,1,0,1,0},
  {0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0,1,0,1},
  {0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,1,1,0,0,1,0},
}
```

```
cp=dijsktra(cost,1,3)
```

Source vertex : 1

Destination vertex : 13

