```
Graph Network:
                   8
                             -999
         1
         -999
                                       -999
                   0
                             1
                   -999
                                       -999
         Ш
                             0
         -999
                             9
                   2
                                       0
Path
      cost from
                  101
                       to
                          '0':
                                 0
                                 8
                  '0'
Path
      cost
            from
                       to
                           '1':
                  '0'
                                -999
Path
      cost
            from
                       to
                           '2':
Path
      cost from
                  0'
                          '3':
                                 1
                       to
                          '0': -999
                  '1'
Path
      cost
            from
                       to
      cost
                  '1'
                           '1':
                       to
Path
            from
                                 0
                                 1
                  11
                           '2':
      cost
            from
                       to
Path
Path
      cost from
                  11
                       to
                           131:
                                -999
                  121
                           '0':
                                 4
Path
      cost
            from
                       to
                           '1':
                  '2'
                                -999
      cost
                       to
Path
            from
                  121
Path
      cost
            from
                       to
                           121:
                                 0
Path
      cost from
                  121
                       to
                           '3':
                                -999
                          '0': -999
                  131
Path
      cost
            from
                       to
                  131
                           '1':
Path
      cost
            from
                       to
                                2
                  131
                           '2':
                                 9
Path
      cost
            from
                       to
                           131:
      cost from
                  131
                       to
                                 0
Path
```

```
All Pairs Shortest Paths:
        0
                3
                         4
                                 1
        5
                0
                         1
        4
                7
                         0
                                 5
        7
                2
                         3
                                 0
Shortest Path from '0' to '0': 0
Shortest Path from
                        to '1': 3
                    '0'
                        to '2': 4
Shortest Path from
                    '0'
                           '3': 1
Shortest Path from
                    '0'
                        to
Shortest Path from
                        to '0': 5
                    '1'
                           '1': 0
Shortest Path from
                    '1'
                        to
Shortest Path from
                        to '2': 1
                    '1'
                    '1' to '3': 6
Shortest Path from
                        to '0':
Shortest Path from
                    121
                                4
Shortest Path from '2' to '1': 7
                    121
                           '2':
Shortest Path from
                                0
                        to
                        to '3': 5
Shortest Path from
                    '2'
                        to '0':
Shortest Path from
                                7
                    131
                        to '1': 2
Shortest Path from
                    131
                        to '2': 3
Shortest Path from '3'
Shortest Path from
                    131
                        to '3': 0
Process exited after 0.07147 seconds with return value 0
```

Press any key to continue . . .