```
>> load('simple_graph.mat')
>> load('simple_graph.mat')
>> load('simple_graph.mat')
>> load('small_graph.mat')
>> load('simple_graph.mat')
>> load('small_graph.mat')
>> greedy(F, W, 1, 1)

ans =

     1     0     0
     1     0     0
     0     0     1
     0     1     0
     1     0     0
     0     1     0
     1     0     0
     0     1     0
     0     1     0
     0     0     1

>> F

F =

     1     0     0
     0     1     0
     0     0     1
     0     1     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     1     0     0
     0     0     1

>> W

W =

     0     1     1     0     0     0     0     0     0     0
     1     0     1     1     0     0     0     0     0     0
     1     1     0     0     0     0     0     0     0     0
     0     1     0     0     1     0     1     0     0     0
     0     0     0     1     0     1     1     0     0     0
     0     0     0     0     1     0     1     0     0     0
     0     0     0     1     1     1     0     0     1     0
     0     0     0     0     0     0     0     0     1     1
     0     0     0     0     0     0     1     1     0     1
     0     0     0     0     0     0     0     1     1     0

>> plot(W)
>> G = graph(W)

G =

  graph with properties:
```

```
    Edges: [13×2 table]
    Nodes: [10×0 table]

>> plot(G)
>> F

F =

     1     0     0
     0     1     0
     0     0     1
     0     1     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     1     0     0
     0     0     1

>> greedy(F, W, 1, 100)

ans =

     0     0     1
     0     0     1
     0     0     1
     0     0     1
     0     1     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0

>> F

F =

     1     0     0
     0     1     0
     0     0     1
     0     1     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     1     0     0
     0     0     1

>> greedy(F, W, 1, 1)

ans =

     1     0     0
     1     0     0
     0     0     1
     0     1     0
     1     0     0
```

```
     0     1     0
     1     0     0
     0     1     0
     0     1     0
     0     0     1

>> greedy(F, W, 1, 10)

ans =

     0     0     1
     0     0     1
     0     0     1
     0     0     1
     1     0     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     0     1     0

>> greedy(F, W, 0.1, 10)

ans =

     1     0     0
     0     1     0
     0     0     1
     0     1     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     1     0     0
     0     0     1

>> greedy(F, W, 0.5, 10)

ans =

     1     0     0
     0     1     0
     0     0     1
     0     1     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     1     0     0
     0     0     1

>> greedy(F, W, 1, 10)

ans =

     0     0     1
     0     0     1
     0     0     1
```

```
     0     0     1
     1     0     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     0     1     0

>> greedy(F, W, 1, 100)

ans =

     0     0     1
     0     0     1
     0     0     1
     0     0     1
     0     1     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0

>> greedy(F, W, 1, 1000)

ans =

     1     0     0
     1     0     0
     1     0     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0
     0     1     0

>>
```