

```
last=9;
g(:, :, 1) = [inf 1 inf inf inf inf inf inf;
              inf inf 2 10 2 inf inf inf inf;
              inf inf inf inf inf 2 2 inf inf;
              inf inf inf inf inf 15 4 inf inf;
              inf inf inf inf inf inf inf 21 inf;
              inf inf inf inf inf inf inf inf 54;
              inf inf inf inf inf inf inf inf 40;
              inf inf inf inf inf inf inf inf 15;
              inf inf inf inf inf inf inf inf inf];
```

```
s=[0 0 0 0 0 0 0 0 0;
   0 0 1 1 1 1 1 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 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 0 0 0;
   0 0 0 0 0 0 0 0 0];
```