

tiny001

Number of Vertices: 10

Number of Edge: 9

Twinwidth: 1

Input:



Output:

10 9  
10 8  
10 7  
10 6  
10 5  
10 4  
10 3  
10 2  
10 1

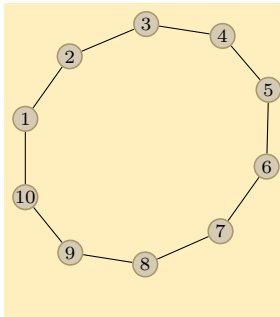
tiny002

Number of Vertices: 10

Number of Edge: 10

Twinwidth: 2

Input:



Output:

9 8  
9 7  
9 6  
9 5  
10 9  
10 4  
3 2  
10 3  
10 1

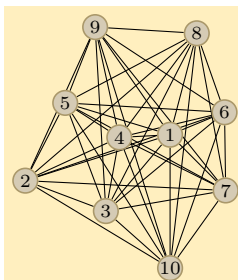
tiny003

Number of Vertices: 10

Number of Edge: 45

Twinwidth: 0

Input:



Output:

10 9  
10 8  
10 7  
10 6  
10 5  
10 4  
10 3  
10 2  
10 1

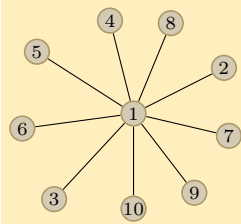
tiny004

Number of Vertices: 10

Number of Edge: 9

Twinwidth: 0

Input:



Output:

```
10 9
10 8
10 7
10 6
10 5
10 4
10 3
10 2
10 1
```

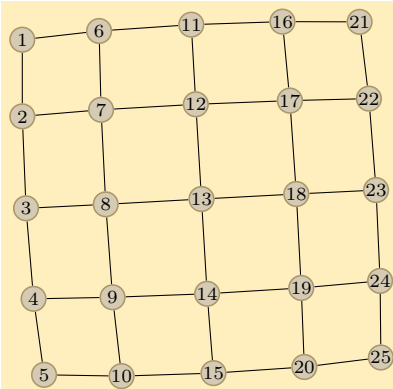
tiny005

Number of Vertices: 25

Number of Edge: 40

Twinwidth: 3

Input:



Output:

```
7 1
9 3
10 4
10 5
21 17
25 24
25 20
23 19
22 18
25 23
21 16
15 10
15 14
8 2
25 22
15 9
15 13
25 21
8 7
25 12
25 15
25 11
25 8
25 6
```

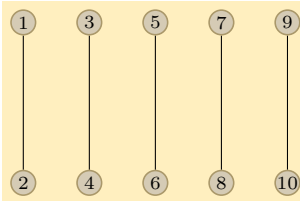
tiny006

Number of Vertices: 10

Number of Edge: 5

Twinwidth: 0

Input:



Output:

```
1 2
3 4
1 3
5 6
1 5
7 8
1 7
9 10
1 9
```

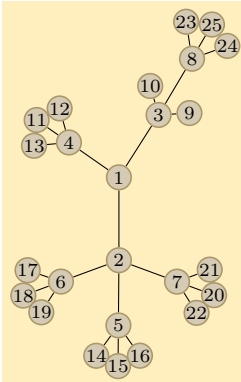
tiny007

Number of Vertices: 25

Number of Edge: 24

Twinwidth: 2

Input:



Output:

```
13 12
21 14
24 23
9 8
25 19
21 16
21 20
21 15
22 7
25 17
18 6
22 5
25 18
10 9
24 3
11 4
13 11
24 13
24 10
25 1
25 24
25 22
25 2
25 21
```

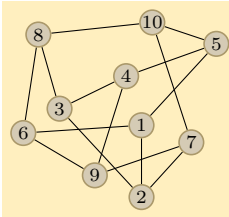
tiny008

Number of Vertices: 10

Number of Edge: 15

Twinwidth: 4

Input:



Output:

```
10 7
9 8
6 5
10 9
4 3
10 6
4 2
10 4
10 1
```

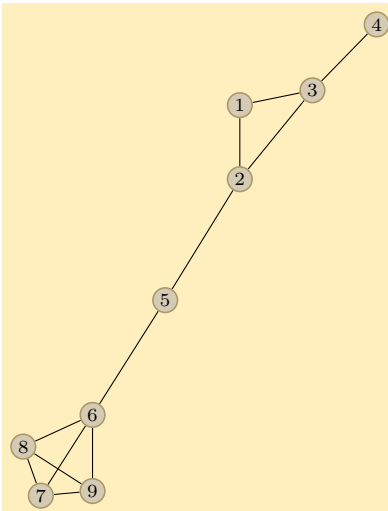
tiny009

Number of Vertices: 9

Number of Edge: 12

Twinwidth: 1

Input:



Output:

```
9 7
9 8
2 1
4 2
4 3
9 5
6 4
9 6
```

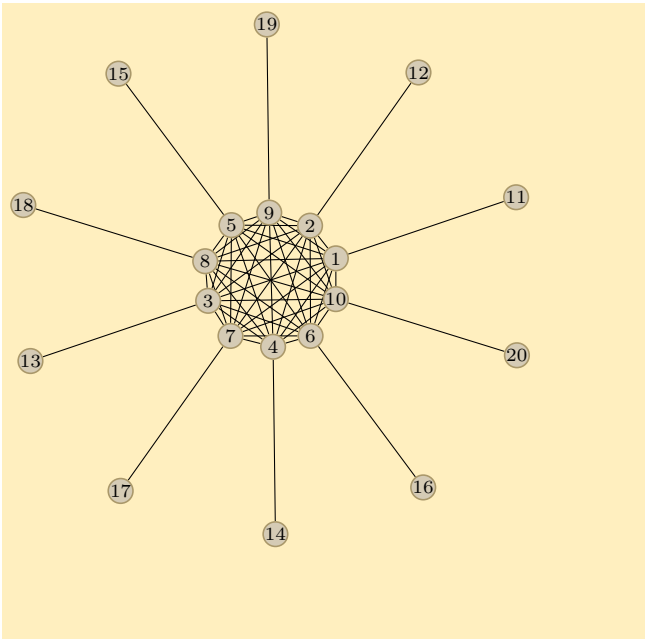
Number of Vertices: 20

Number of Edge: 55

Twinwidth: 2

Input:

Output:



- 20 19
- 10 9
- 20 18
- 10 8
- 20 17
- 10 7
- 20 16
- 10 6
- 20 15
- 10 5
- 20 14
- 10 4
- 20 13
- 10 3
- 20 12
- 11 10
- 11 2
- 20 11
- 20 1