Øving 7

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Graf 1:

```
Maximum flow from 0 to 7 with Edmond-Karp method
Increase : Increasing flow path
2         | 0 4 3 7
1         | 0 4 5 6 7
1         | 0 1 2 3 7
1         | 0 1 2 3 6 7
1         | 0 1 4 5 6 7
1         | 0 1 2 3 5 6 7
1         | 0 1 2 4 5 6 7
2         | 0 1 2 3 4 5 6 7
Maximal flow is 10
```

Graf 2:

```
Maximum flow from 0 to 1 with Edmond-Karp method
Increase : Increasing flow path
10        | 0 8 9 1
10        | 0 2 3 9 8 14 15 1
5         | 0 2 3 4 5 8 9 12 13 14 15 1
2         | 0 2 3 4 5 6 7 9 8 10 11 12 13 14 15 1
Maximal flow is 27
```

Graf 3:

```
Maximum flow from 0 to 1 with Edmond-Karp method
Increase : Increasing flow path
10          | 0 8 9 1
5           | 0 2 3 9 8 14 15 1
10          | 0 2 3 9 8 14 15 1
5           | 0 2 3 4 5 8 9 12 13 14 15 1
6           | 0 2 3 4 5 8 9 12 13 14 15 1
5           | 0 2 3 4 5 6 7 9 8 10 11 12 13 14 15 1
1           | 0 2 3 4 5 6 7 9 8 10 11 12 13 14 15 1
Maximal flow is 42
```

Graf 4:

```
Maximum flow from 0 to 7 with Edmond-Karp method
Increase : Increasing flow path
2          | 0 4 3 7
1          | 0 4 5 6 7
1          | 0 1 2 3 7
1          | 0 1 2 3 6 7
1          | 0 1 4 5 6 7
1          | 0 1 2 3 5 6 7
1          | 0 1 2 4 5 6 7
2          | 0 1 2 3 4 5 6 7
1          | 0 1 2 3 4 5 6 7
Maximal flow is 11
```

Graf 5:

```
Maximum flow from 0 to 7 with Edmond-Karp method
Increase : Increasing flow path
20          | 0 5 4 7
10          | 0 5 6 7
5         | 0 2 4 7
10          | 0 2 3 7
20          | 0 5 6 1 7
5         | 0 2 4 6 1 7
20          | 0 2 4 5 6 1 7
Maximal flow is 90
```