

Simulation Spanning Tree/Dijkstra

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Graph Input:

```
Graph beispiel {  
// Node IDs  
A = 5;  
B = 1;  
C = 3;  
D = 7;  
E = 6;  
F = 4;  
// Links mit zugeh. Kosten  
A - B : 10;  
A - C : 10;  
B - D : 15;  
B - E : 10;  
C - D : 3;  
C - E : 10;  
D - E : 2;  
D - F : 10;  
E - F : 2;  
}
```

Spanning-Tree (beispiel)

// NodeX: Use NodeY as Next Hop to Root

```
A: -> B  
B: Root  
C: -> D  
D: -> E  
E: -> B  
F: -> E
```

Dijkstra (beispiel)

// NodeX: Use NodeY as Next Hop to the target Node
// marked in the corresponding column

	A	B	C	D	E	F
A:	-	B	C	C	C	C
B:	A	-	E	E	E	E
C:	A	D	-	D	D	D
D:	C	E	C	-	E	E
E:	D	B	D	D	-	F
F:	E	E	E	E	E	-