

This is a Greedy algorithm.

Solutions!

The graph contains 7 vertices and 3 edges. So the minimum spanning tree will be having (7-1) = 6 edges.

After Sosting! -			
After Sosting! - weight	Tource	destination	
ĭ	c	d	
2	d	f	
3	Ь.	C	
5	Ь	e	
5	f	9	
6	C	e	
8	a	e	
9	d	9	
)0	a	9	

Now picking edges one by one forms sorted list of edges.

(1) Select edge C-d: No cycle is formed, include it

, d

2) Select edge d-f: No ycle is formed, include it.



