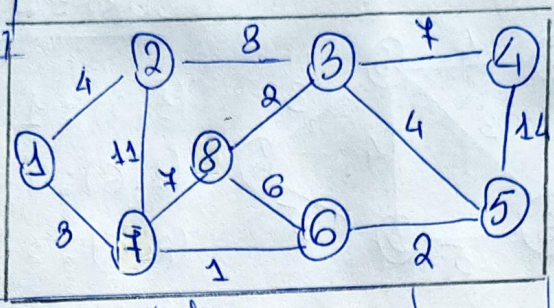


ENACHE
POAN
VLAD
912

Homework 4 Pb.5 → Kruskal

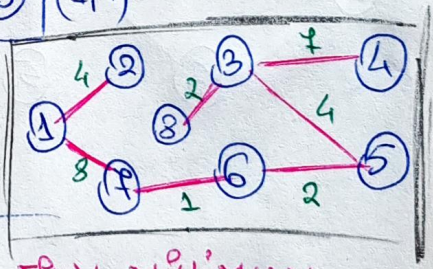
EDGES SORTED



- (6, 7) : 1
- (3, 3) : 2
- (5, 6) : 2
- (1, 2) : 4
- (3, 5) : 4
- (6, 8) : 6
- (3, 4) : 7
- (7, 8) : 7
- (1, 7) : 8
- (2, 3) : 8
- (2, 7) : 11
- (4, 5) : 14

Iteration	Edge selected	The Connected Components
0-Initialization		
1	(6, 7)	
2	(3, 8)	
3	(5, 6)	
4	(1, 2)	
5	(3, 5)	
6	(6, 8)	<p>Would form a cycle ⇒ not selected</p>
7	(3, 4)	
8	(7, 8)	<p>Cycle ⇒ not selected</p>

9 (1, 7)



FINAL MINIMUM
SPANNING TREE
cost : 28

