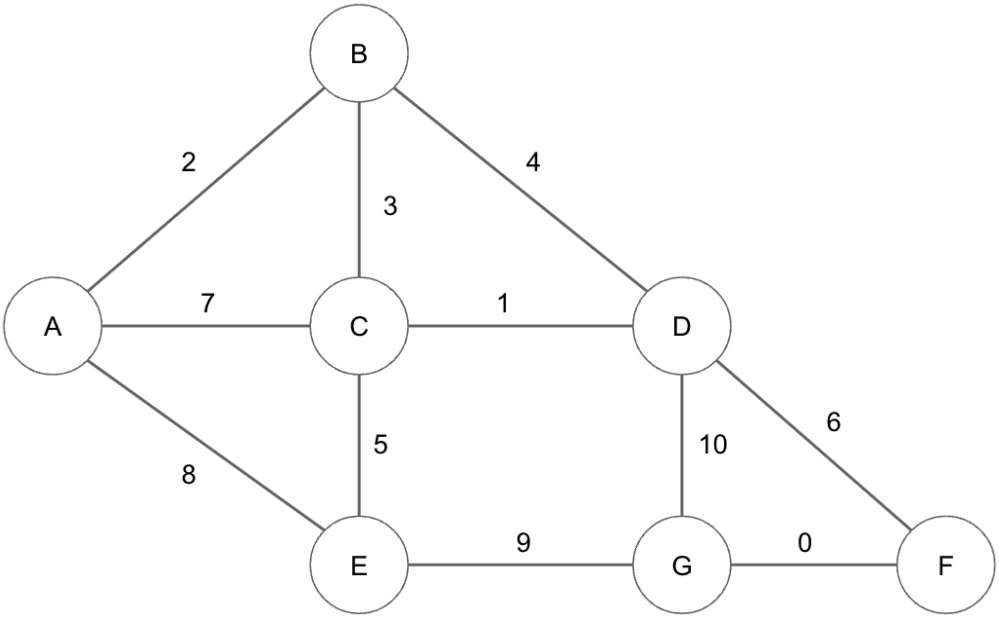
Section 09: MSTs

1. Prim's (Minimum Spanning Tree)

Calculate the Minimum Spanning Tree starting from A.



	dist	edge	processed
A	0	–	
B			
C			
D			
E			
F			
G			

2. Prim's Review

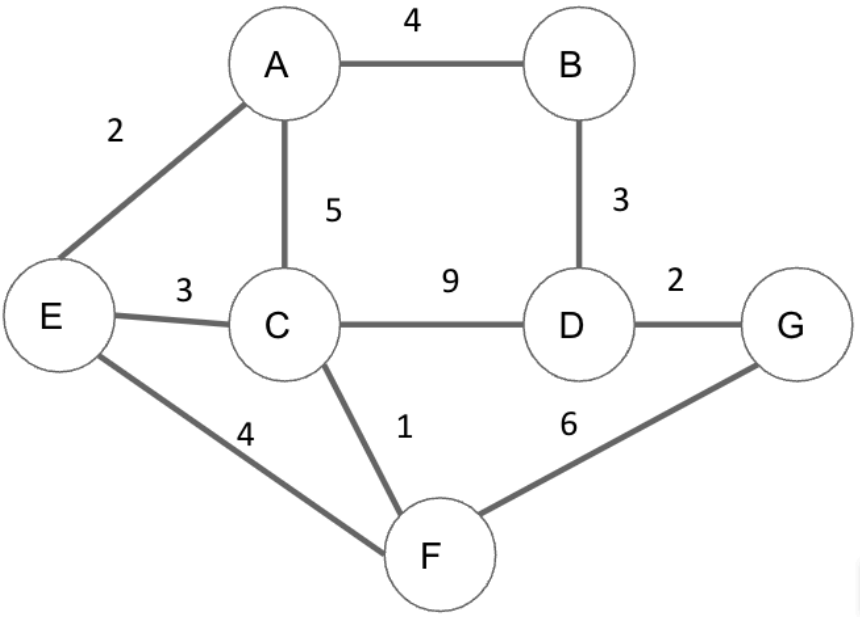
What are the specific changes in the code between Dijkstra's and Prim's algorithm?

What is the "cut property" for an MST?

Does Prim's work on a graph with negative edges? Why/why not?

3. *Kruskal's (Minimum Spanning Tree)*

Calculate the Minimum Spanning Tree. Indicate which components are connected in the table provided, and write down each step that occurs during the algorithm.



	Disjoint set components
A	
B	
C	
D	
E	
F	
G	

Steps: