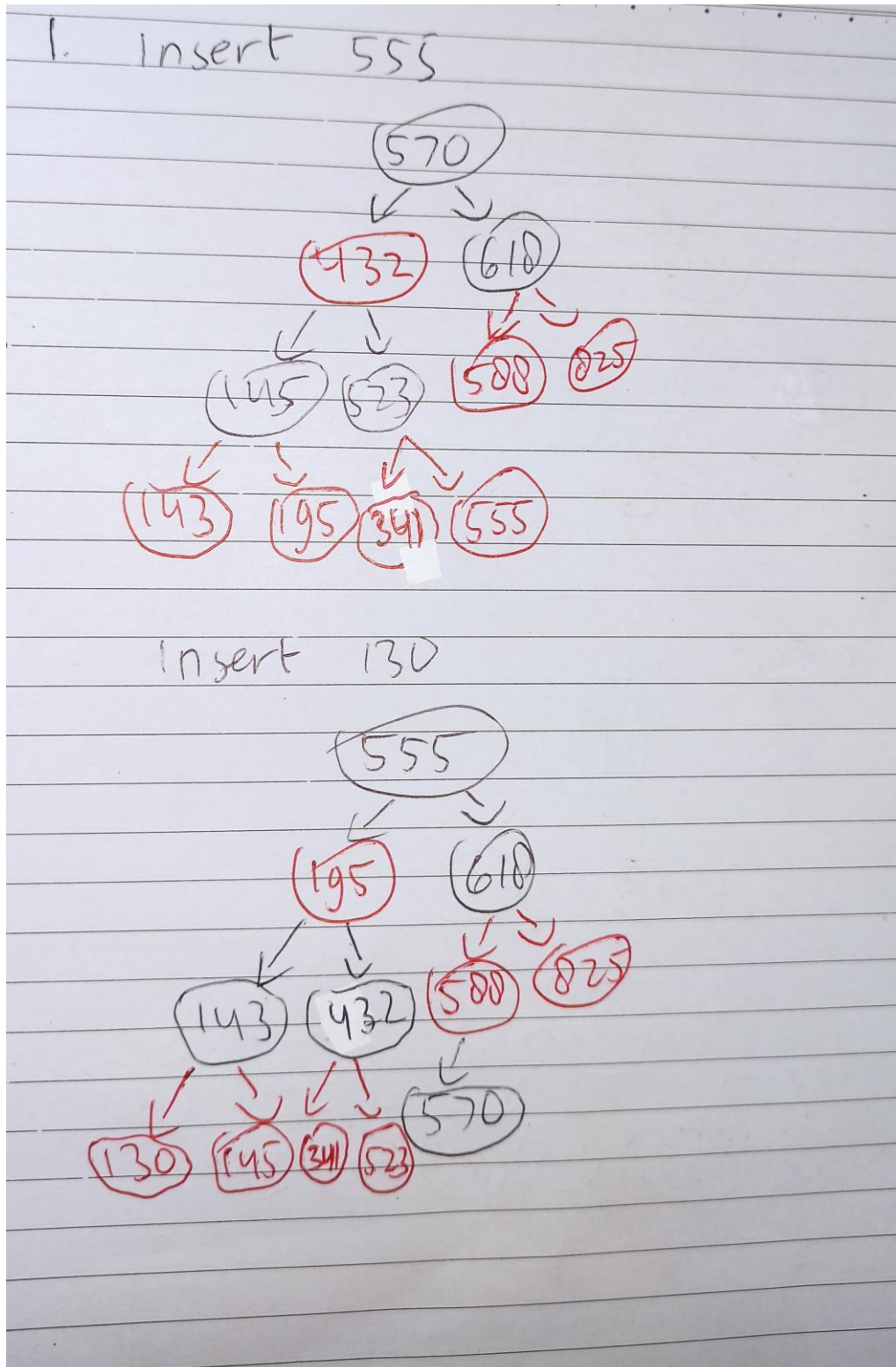


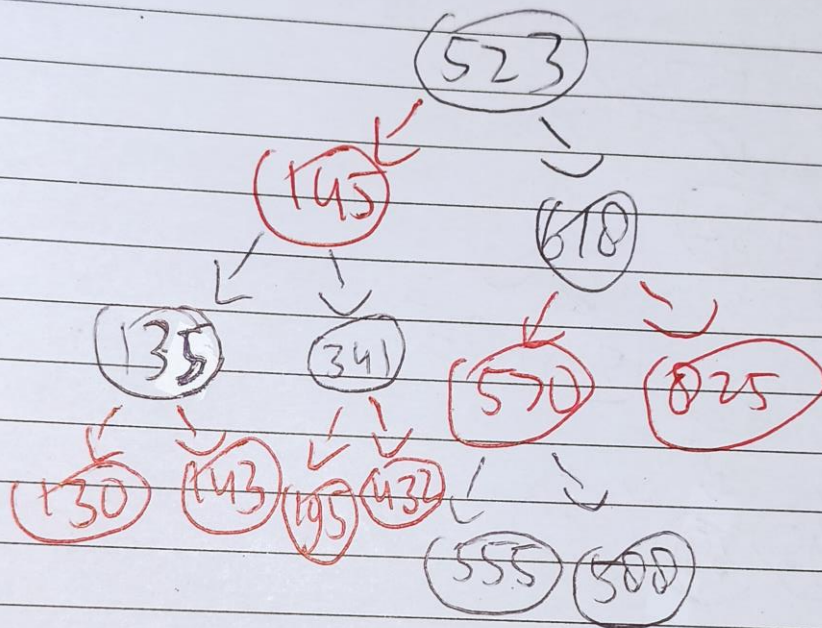
Henoch H. Hasudungan

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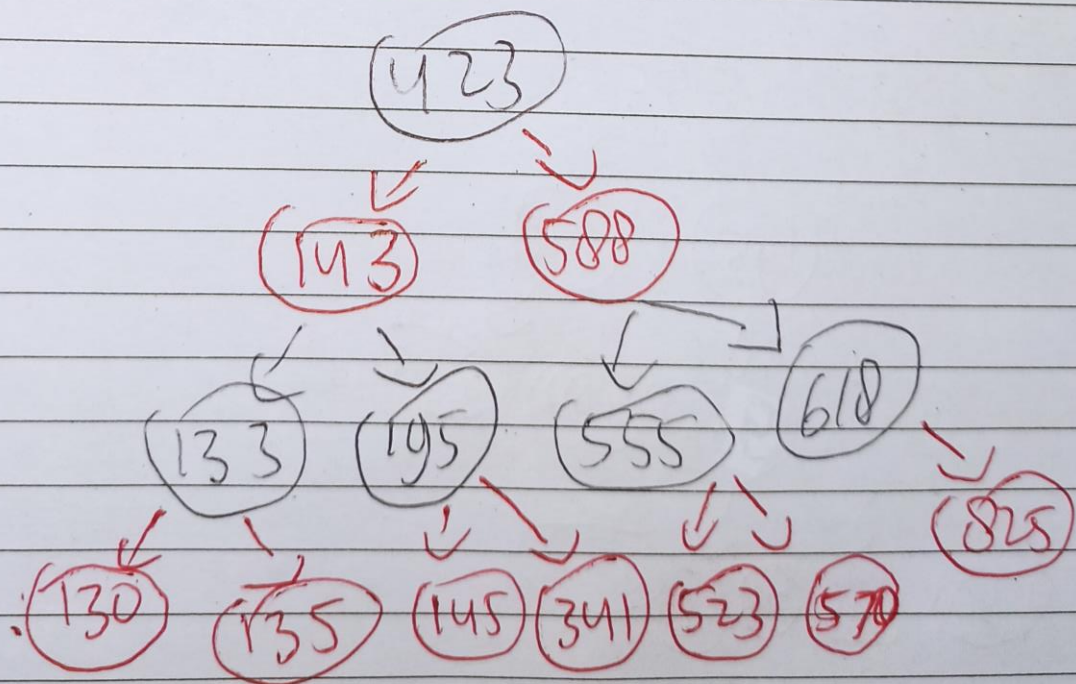
1. A.



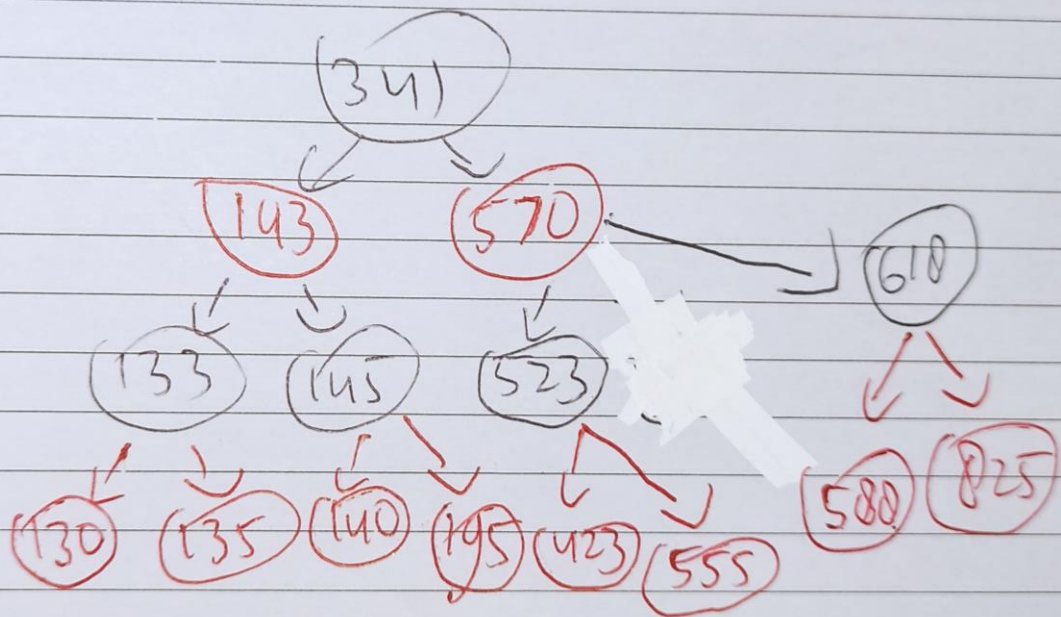
insert 135



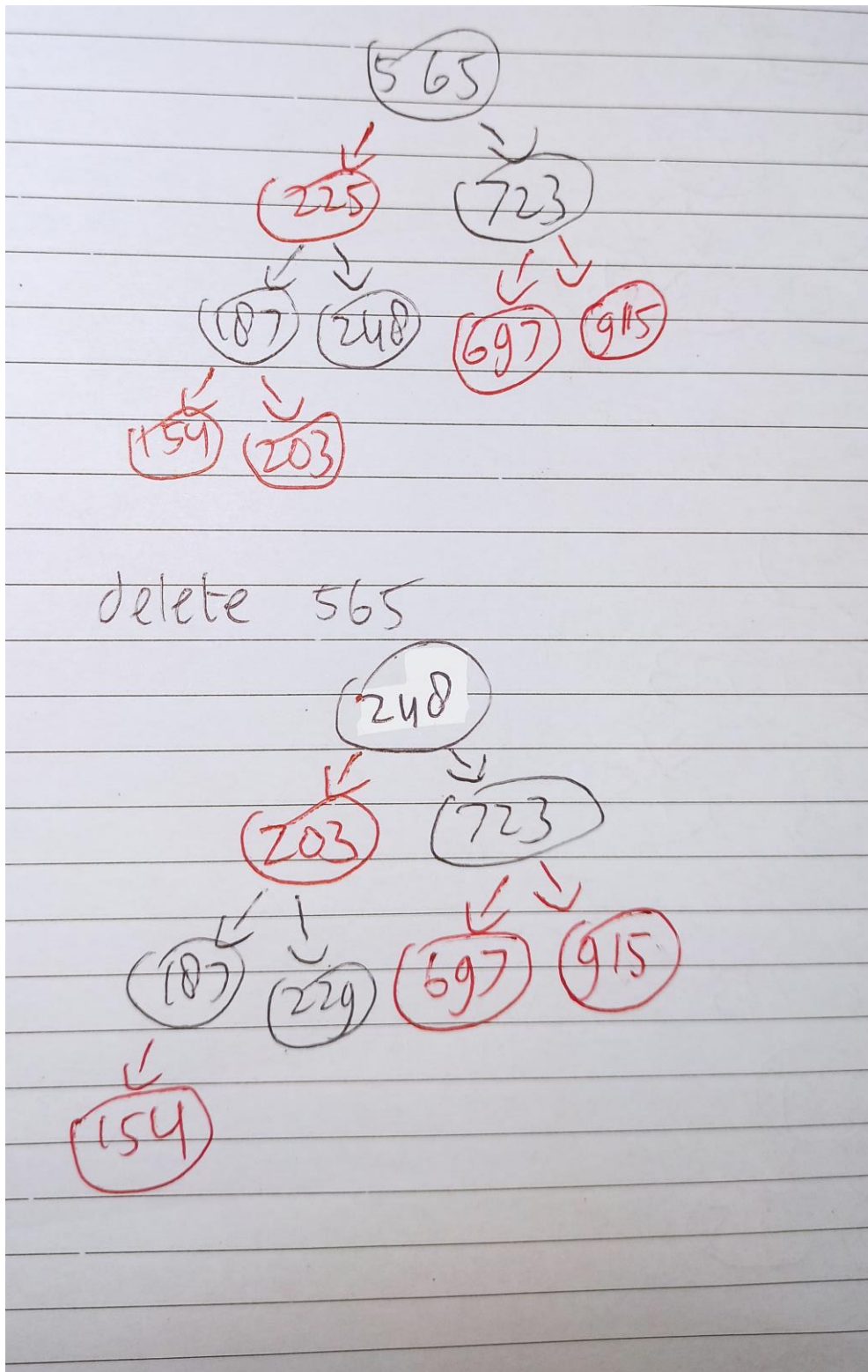
insert 133



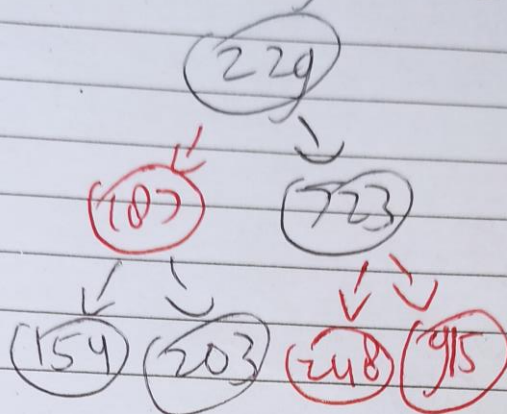
insert 140



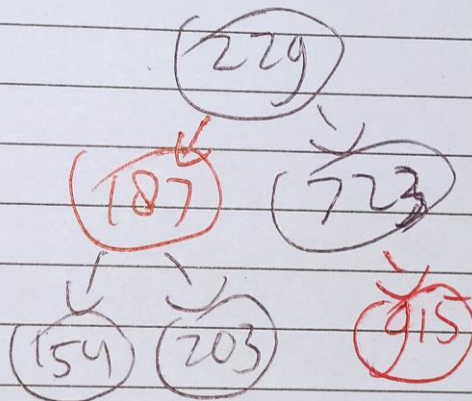
B.



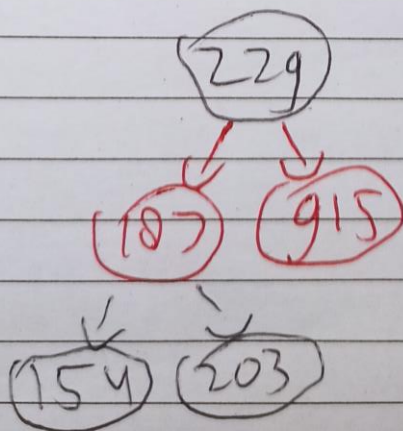
delete 697



delete 248

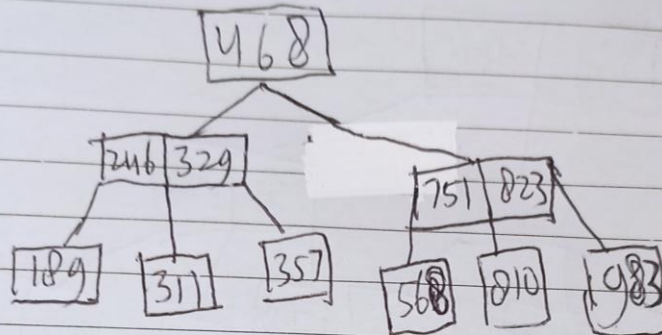


delete 723

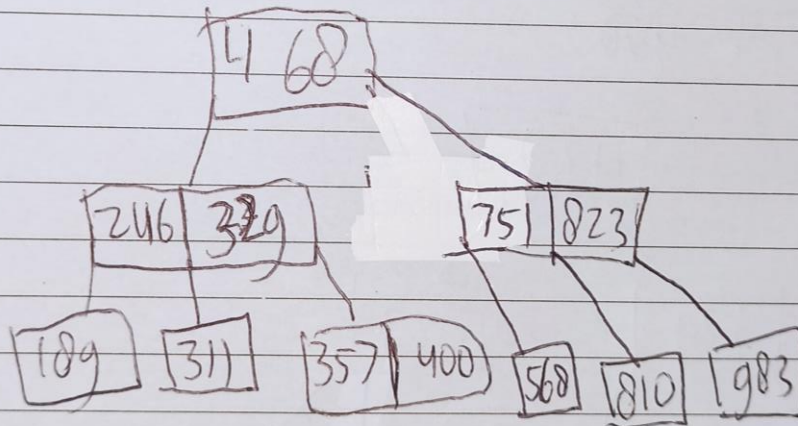


2.

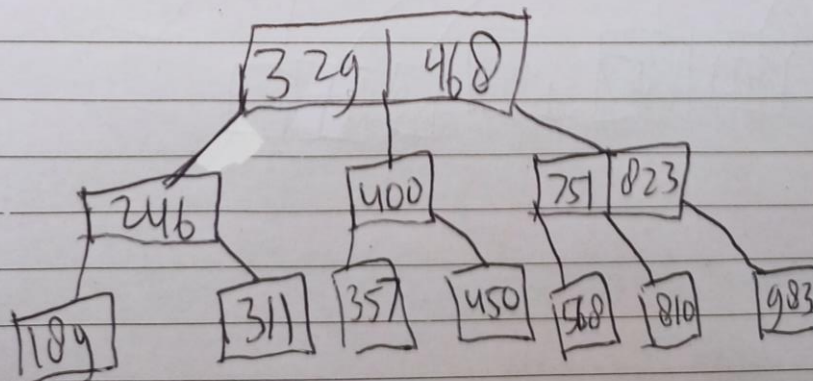
2 A Insert 311



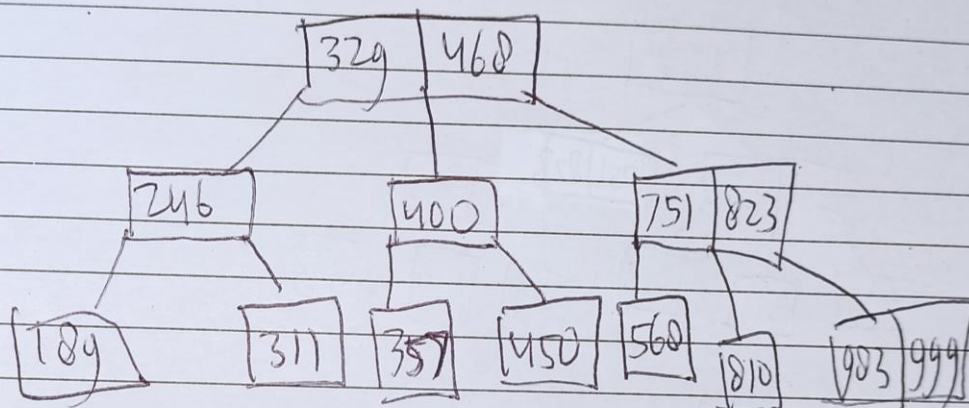
Insert 400



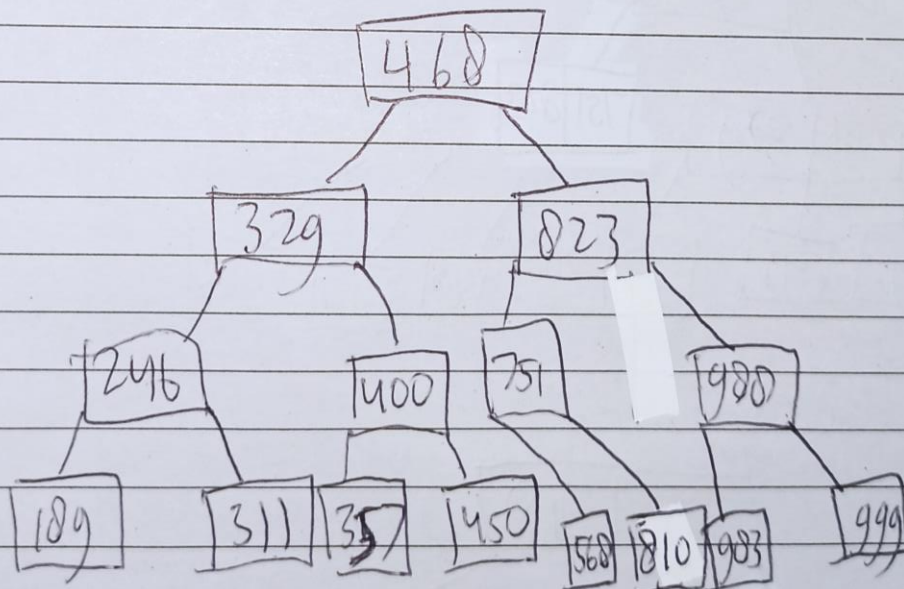
Insert 450



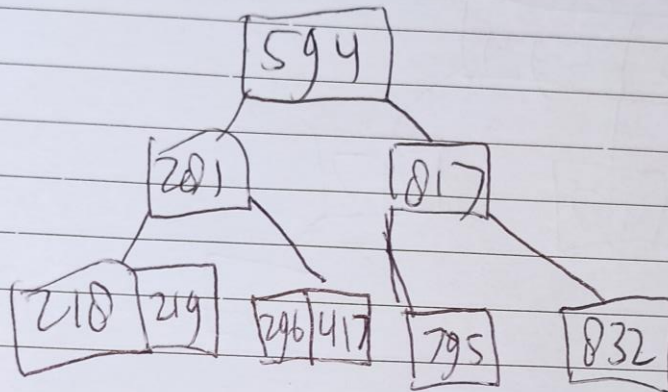
insert 999



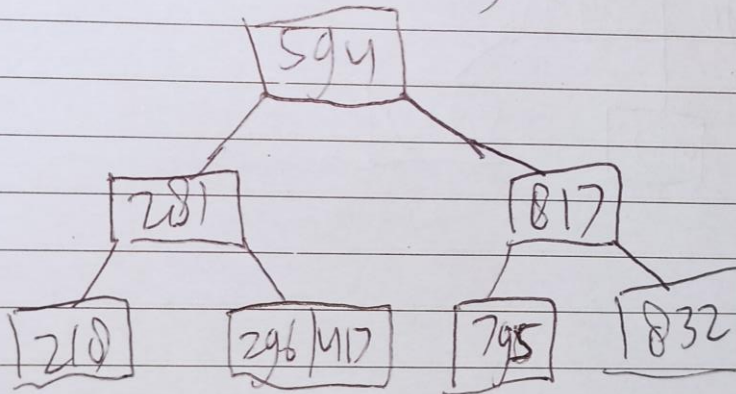
insert 988



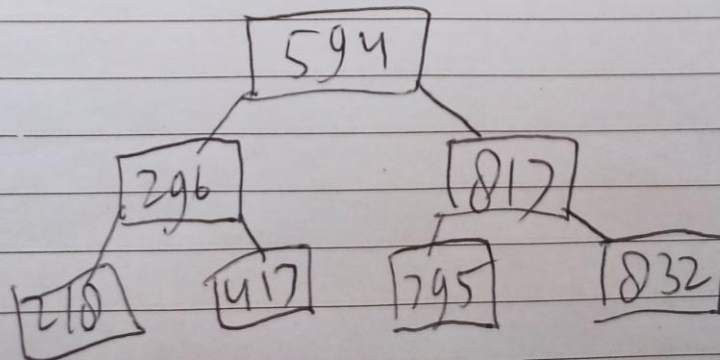
B. Delete 750



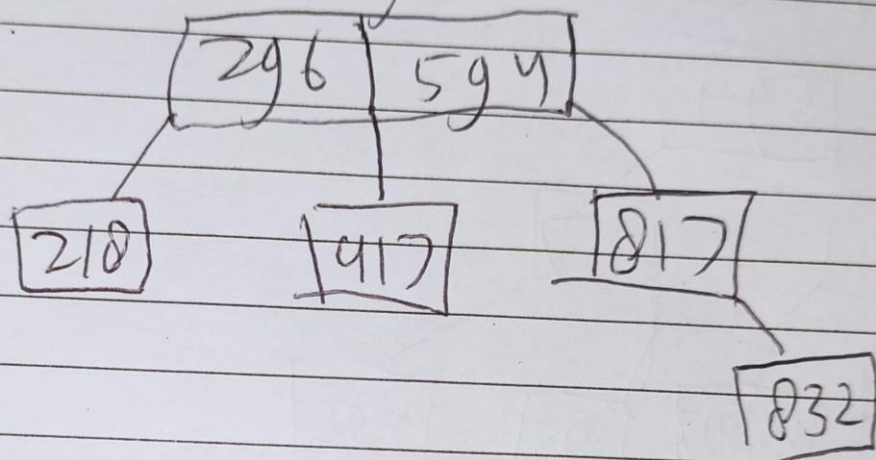
delete 219



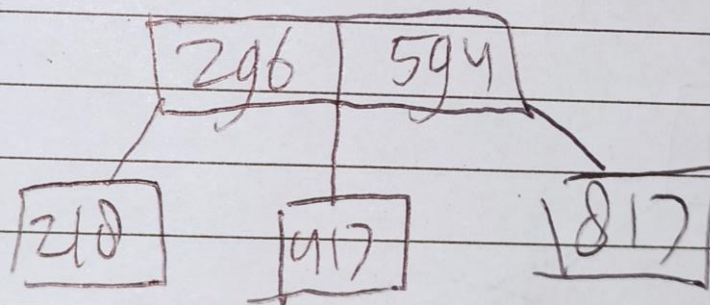
delete 281



delete 795



delete 032



3. Prim's Algorithm

$G \rightarrow C \rightarrow A \rightarrow J \rightarrow B \rightarrow E \rightarrow D \rightarrow F \rightarrow H \rightarrow I = 150$

Adjacency List	PQ	Track	Visited
G - I (22)	G - I (22)	G - C (22)	G
G - C (22)	G - C (22)		C
G - D (32)	G - D (32)	C - A (12)	A
G - J (32)	G - J (32)		J
I - H (10)		A - J (14)	B
	C - B (26)		E
I - D (32)	C - A (12)	A - B (16)	D
H - D (24)	C - J (16)		F
H - F (22)	C - D (20)	B - E (10)	H
F - D (16)			I
F - E (30)	A - B (16)	E - D (20)	
E - D (20)	A - J (14)		
E - B (18)		D - F (16)	
B - D (50)	B - D (50)		
B - C (26)	B - E (10)	F - H (22)	
B - A (16)			
A - C (12)	E - D (20)	H - I (10)	
A - J (14)	E - F (30)		
J - C (16)			
	D - I (32)		
C - D (20)	D - H (24)		
	D - F (16)		
	F - H (22)		
	H - I (10)		