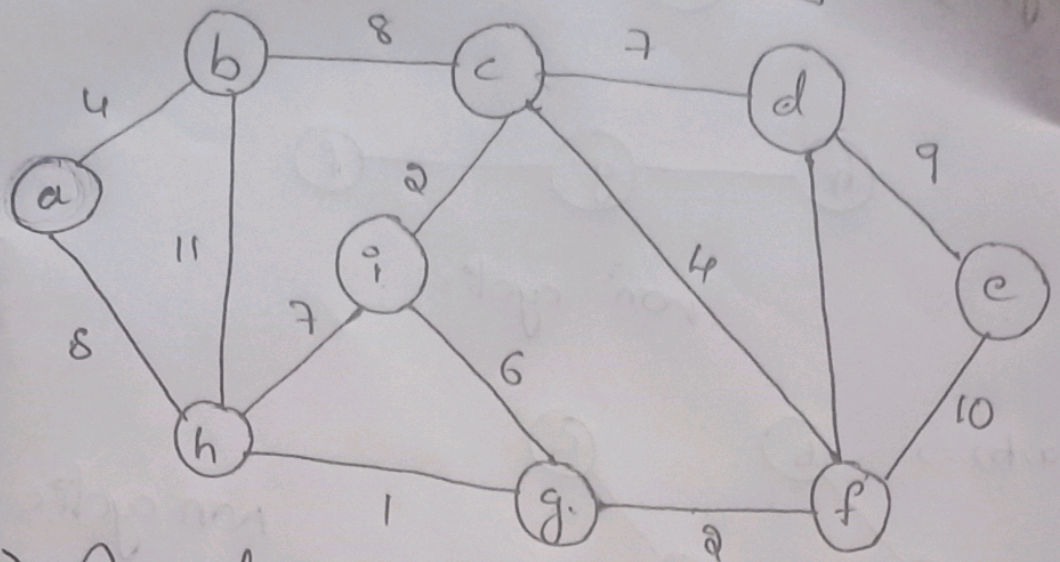
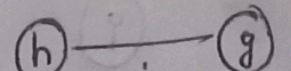
Kruskal's Algorithm



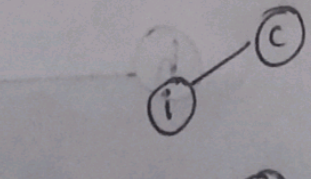
⇒ Ascending order → weights of each of the path

(g, h)	→ 1	(i, g)	→ 6
(c, i)	→ 2	(c, d)	→ 7
(f, g)	→ 2	(i, h)	→ 7
(a, b)	→ 4	(b, c)	→ 8
(c, f)	→ 4	(a, h)	→ 8
		(d, e)	→ 9
		(e, f)	→ 10
		(b, h)	→ 11

) Check for non-cyclic path, if cyclic Avoid that

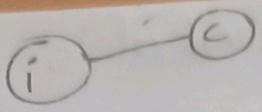
(g, h) ⇒ 

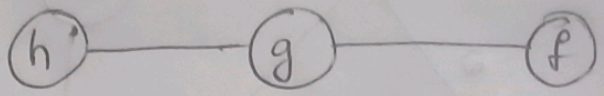
non cyclic

(c, i) ⇒ 

non cyclic

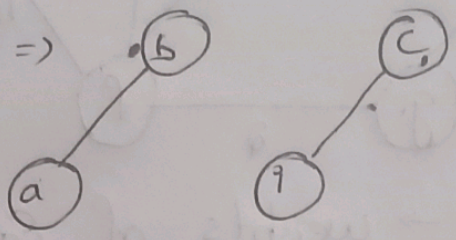
(f, g) =>



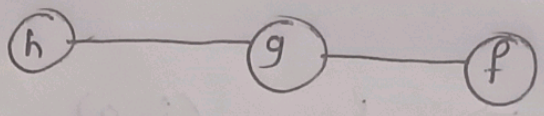


non cyclic

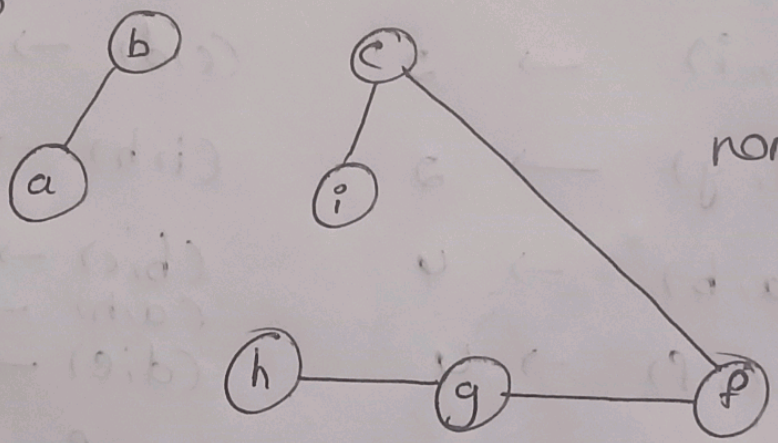
(a, b) =>



non cyclic



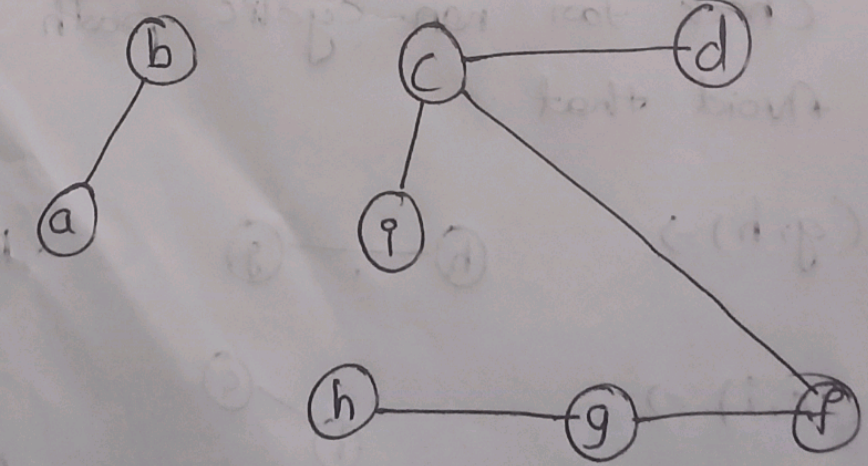
(c, f) =>



non cyclic

(i, g) => cycle => avoid

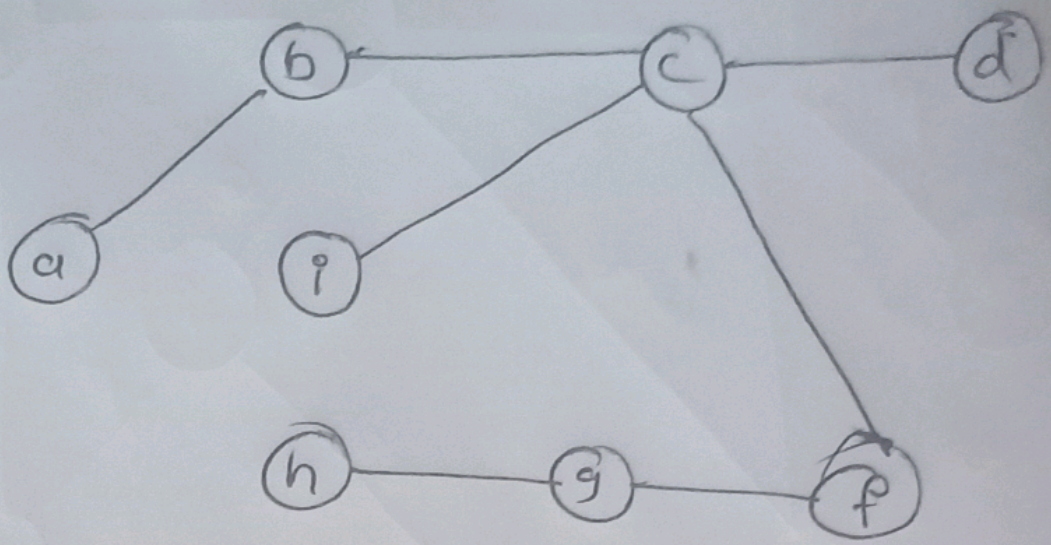
(c, d) =>



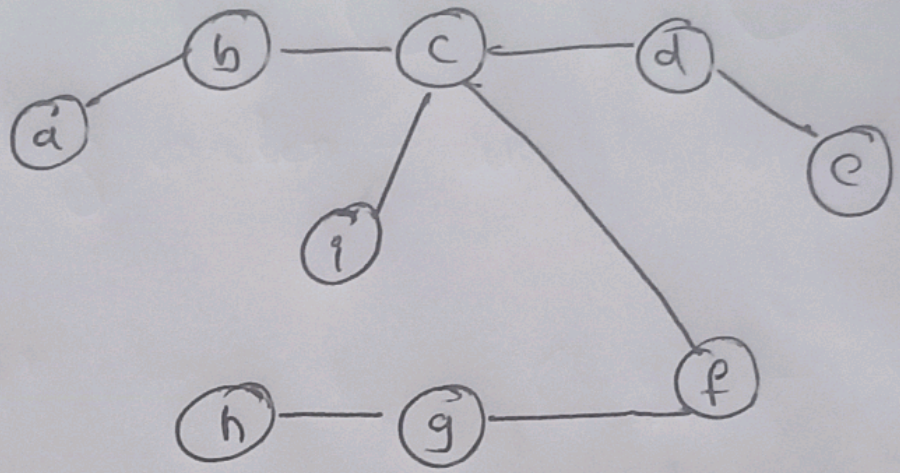
non cyclic

(i,h) => cycle -> avoid

(b,c) =>



(d,e) =>



(e,f) => cyclic => avoid

(b,h) => cyclic => avoid.