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	Sequence S	Priority Queue P
Input:	(7,4,8,2,5,3,9)	0
Phase 1		
(a)	(4.8.2.5.3.9)	(7)
(b)	(4,8,2,5,3,9) (8,2,5,3,9)	(7) (7,4)
(g)	0	(7,4,8,2,5,3,9)
Phase 2		
(a)	(2)	(7,4,8,5,3,9)
(b)	(2,3)	(7,4,8,5,9)
(c)	(2,3,4)	(7,8,5,9)
(d)	(2,3,4,5)	(7,8,9)
(e)	(2,3,4,5,7)	(8,9)
(f)	(2,3,4,5,7,8)	(9)
(g)	(2,3,4,5,7,8,9)	Ò





