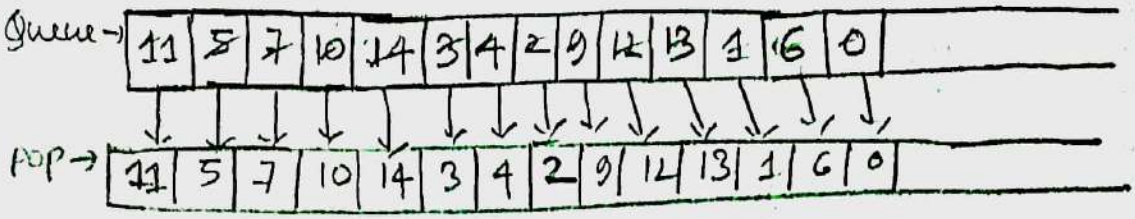
BFS simulation

Id = 1711661 % 15 = 11

Starting vertex = 11

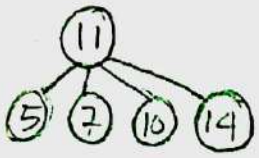


	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
parent	2	14	7	5	5	11	3	11		10	11	N/A	10	10	11
Distance	3	2	2	2	2	1	3	1		2	1	0	2	2	1

Step-1

Q→ 5 7 10 14

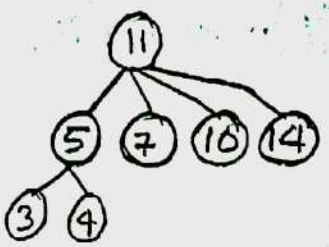
pop→ 11



Step-2

Q→ 7 10 14 3 4

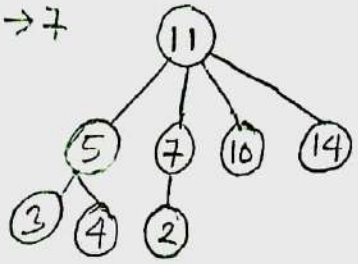
pop→ 5



Step-3

Q→ 10 14 3 4 2

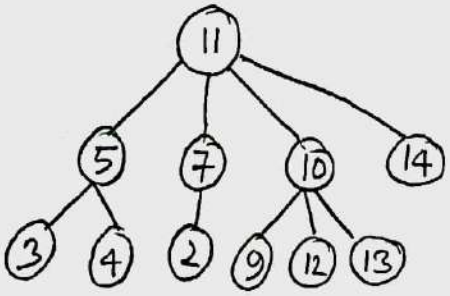
pop→ 7



Step-4

Q→ 14 3 4 2 9 12 13

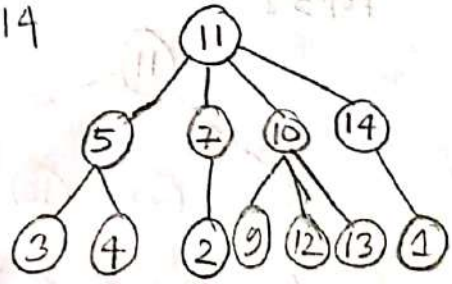
pop→ 10



Step-5

Q → | 3 | 4 | 2 | 9 | 12 | 13 | 1 |

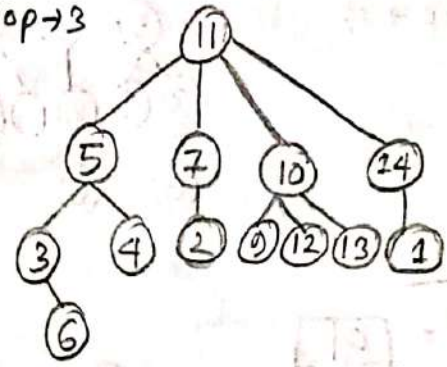
pop → 14



Step-6

Q → | 4 | 2 | 9 | 12 | 13 | 1 | 6 |

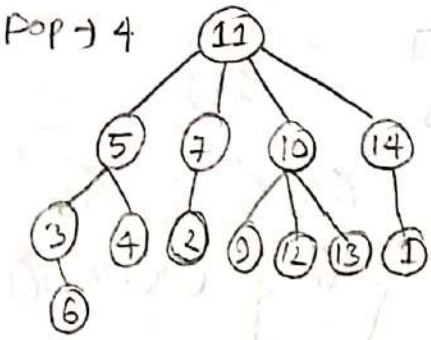
pop → 3



Step-7

Q → | 2 | 9 | 12 | 13 | 1 | 6 |

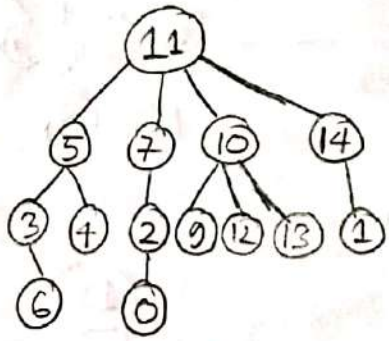
pop → 4



Step-8

Q → | 9 | 12 | 13 | 1 | 6 | 0 |

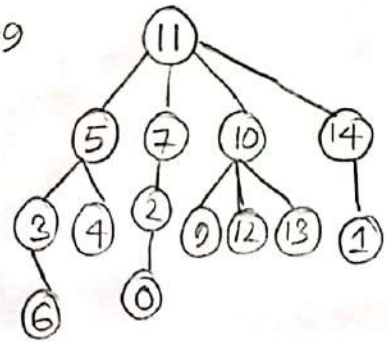
pop → 2



Step-9

Q → | 12 | 13 | 1 | 6 | 0 |

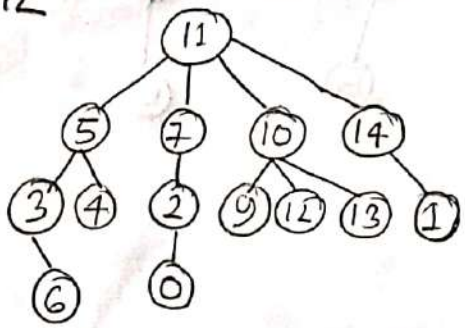
pop-9



Step-10

Q → | 13 | 1 | 6 | 0 |

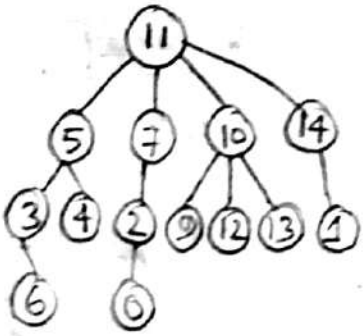
pop-12



Step-11

Q → [1 | 6 | 0]

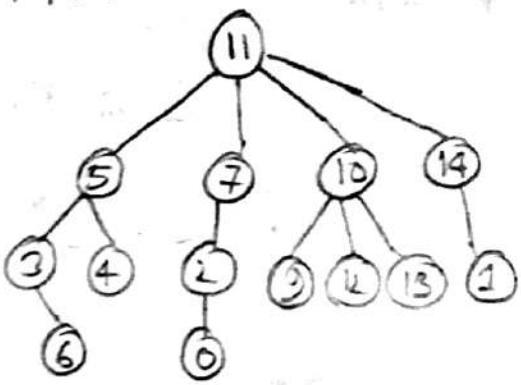
Pop → 13



Step-12

Q → [6 | 0]

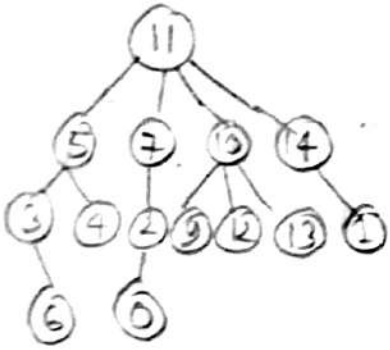
Pop → 1



Step-13

Q = [0 |]

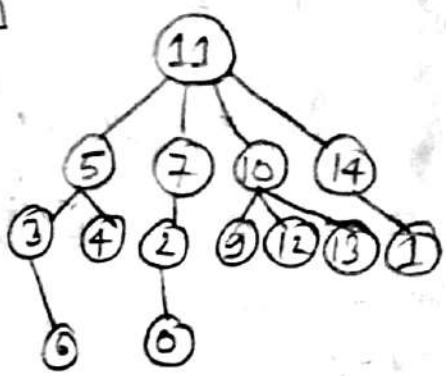
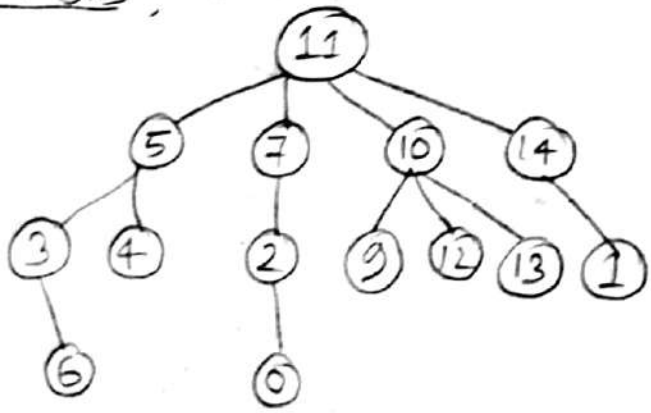
Pop → 6



Step-14

Q = [ ]

Pop → 0



Final BFS.