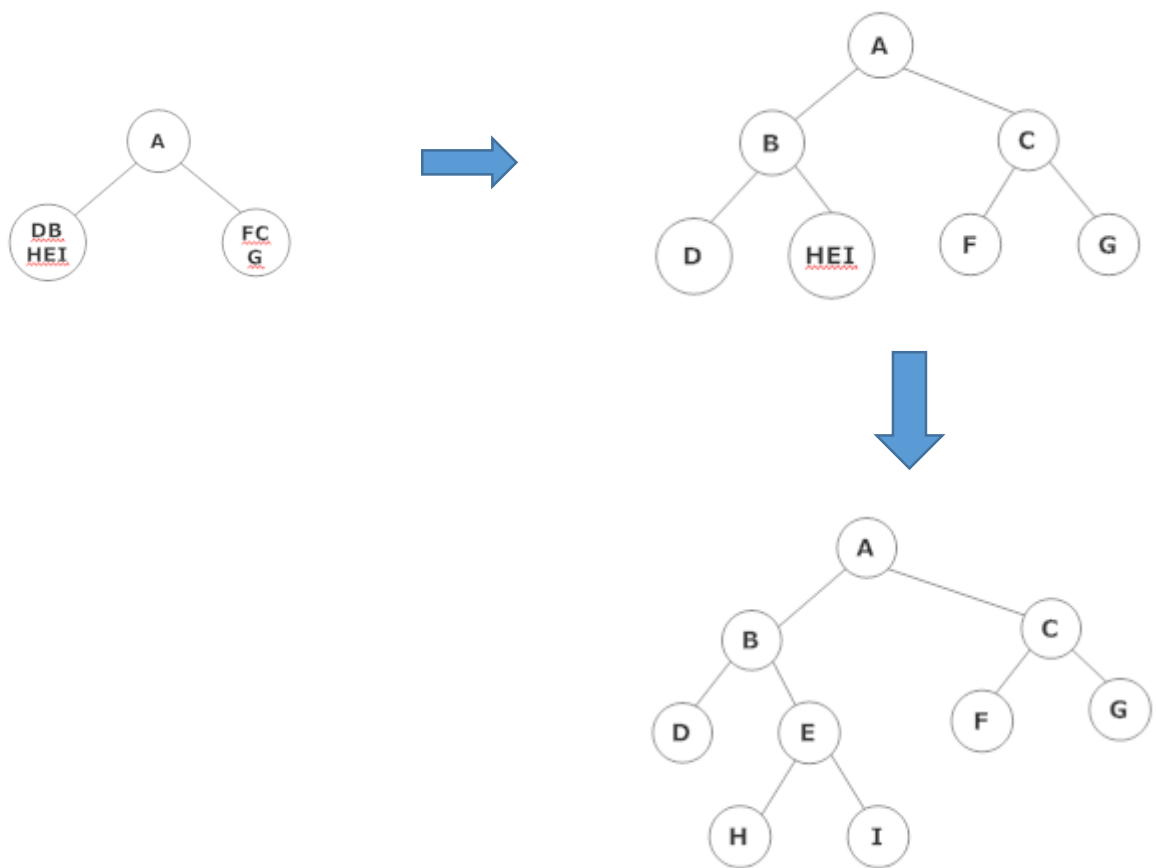




Q-2) Insert the following into an array-based implemented BST: "BCADG"

Initial

	Item	L child	R child	
0	-	-1	1	free = 0
1	-	-1	2	
2	-	-1	3	
3	-	-1	4	

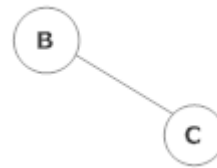
Insert B

	Item	L child	R child	
0	B	-1	-1	free = 1
1	-	-1	2	
2	-	-1	3	
3	-	-1	4	

Insert C

	Item	L child	R child
0	B	-1	1
1	C	-1	-1
2	-	-1	3
3	-	-1	4

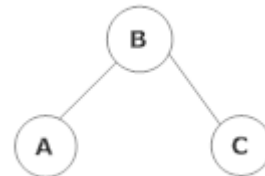
free = 2



Insert A

	Item	L child	R child
0	B	2	1
1	C	-1	-1
2	A	-1	-1
3	-	-1	4
4	-	-1	5

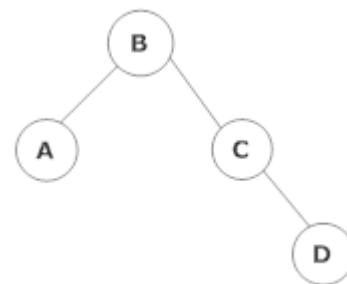
free = 3



Insert D

	Item	L child	R child
0	B	2	1
1	C	-1	3
2	A	-1	-1
3	D	-1	-1
4	-	-1	5
5	-	-1	6

free = 4



Insert G

	Item	L child	R child
0	B	2	1
1	C	-1	3
2	A	-1	-1
3	D	-1	4
4	G	-1	-1
5	-	-1	6
6	-	-1	7

free = 5

