	Stack	Visited List
1	→ Add starting vertex, i.e. ***B*** 's neighbors in stack to get: **Stack =** [A] → And ***B*** becomes the current vertex in the Visited List	[B*]
2	→ Pop ***A*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add this vertex, i.e. ***A*** 's neighbors in stack to get: **Stack** = [S, B] → Now ***A*** becomes the current vertex	[B, A*]
3	→ Pop ***B*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***B*** is already visited so do nothing, other than popping it out from stack **Stack** = [S] → ***A*** is still the current vertex	[B, A*]
4	→ Pop ***S*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add current vertex, i.e. ***S*** 's neighbors in stack to get: **Stack** = [G, C, A] → Now ***S*** becomes the current vertex	[B, A, S*]
5	→ Pop ***A*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***A*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, C] → ***S*** is still the current vertex	[B, A, S*]
6	→ Pop ***C*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add current vertex, i.e. ***C*** 's neighbors in stack to get: **Stack** = [G, S, F, E, D] → Now ***C*** becomes the current vertex	[B, A, S, C*]
7	→ Pop ***D*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add current vertex, i.e. ***D*** 's neighbors in stack to get: **Stack** = [G, S, F, E, C] → Now ***D*** becomes the current vertex	[B, A, S, C, D*]
8	→ Pop ***C*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***C*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S, F, E] → ***D*** is still the current vertex	[B, A, S, C, D*]
9	→ Pop ***E*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add current vertex, i.e. ***E*** 's neighbors in stack to get: **Stack** = [G, S, F, H, C] → Now ***E*** becomes the current vertex	[B, A, S, C, D, E*]
10	→ Pop ***C*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***C*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S, F, H] → ***E*** is still the current vertex	[B, A, S, C, D, E*]

11	→ Pop ***H*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add current vertex, i.e. ***H*** 's neighbors in stack to get: **Stack** = [G, S, F, G, E] → Now ***H*** becomes the current vertex	[B, A, S, C, D, E, H*]
12	→ Pop ***E*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***E*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S, F, G] → ***H*** is still the current vertex	[B, A, S, C, D, E, H*]
13	→ Pop ***G*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add current vertex, i.e. ***G*** 's neighbors in stack to get: **Stack** = [G, S, F, S, H, F] → Now ***G*** becomes the current vertex	[B, A, S, C, D, E, H, G*]
14	→ Pop ***F*** , and check if already visited → It is <u>not</u> in the list, so mark it as visted by adding to the Visited List → Add current vertex, i.e. ***F*** 's neighbors in stack to get: **Stack** = [G, S, F, S, H, G, C] → Now ***F*** becomes the current vertex	[B, A, S, C, D, E, H, G, F*]
15	→ Pop ***C*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***C*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S, F, S, H, G] → ***F*** is still the current vertex	[B, A, S, C, D, E, H, G, F*]
16	→ Pop ***G*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***G*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S, F, S, H] → ***F*** is still the current vertex	[B, A, S, C, D, E, H, G, F*]
17	→ Pop ***H*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***H*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S, F, S] → ***F*** is still the current vertex	[B, A, S, C, D, E, H, G, F*]
18	→ Pop ***S*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***S*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S, F] → ***F*** is still the current vertex	[B, A, S, C, D, E, H, G, F*]
19	→ Pop ***F*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***F*** is already visited so do nothing, other than popping it out from stack **Stack** = [G, S] → ***F*** is still the current vertex	[B, A, S, C, D, E, H, G, F*]

20	→ Pop ***S*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***S*** is already visited so do nothing, other than popping it out from stack **Stack** = [G] → ***F*** is still the current vertex	[B, A, S, C, D, E, H, G, F*]
21	→ Pop ***G*** , and check if already visited → It is <u>already</u> in the list, so no need to add it back to the Visited List → As ***G*** is already visited so do nothing, other than popping it out from stack **Stack** = [ ] → The stack is empty and all the vertices have been traversed, so the traversal ends here, & the final order of visited list is: **[B, A, S, C, D, E, H, G, F]**	[B, A, S, C, D, E, H, G, F]