Depth First Tree traversal

1. First to implement this we are going to use a STACK data structure
2. Next we start by adding/pushing the root node into the stack
3. We then POP the element added
4. At the time of popping, PRINT OUT ELEMENT then we add/push the right child of the element being popped into the stack followed by adding/pushing its left child as well
5. Go back to Step 3 till stack is empty.

## EXAMPLE

Tree A

B C

D E F G

1. Push “A” into Stack
2. Pop “A”, print and push its right child into stack then its left child

**CURRENT OUTPUT: A**

1. Pop “B”, print and push in its children

**CURRENT OUTPUT: AB**

1. Pop “D”, print add its children (none available)

**CURRENT OUTPUT : ABD**

1. Pop “E”, print add its children( none available)

**CURRENT OUTPUT : ABDE**

1. Pop “C” print add its children

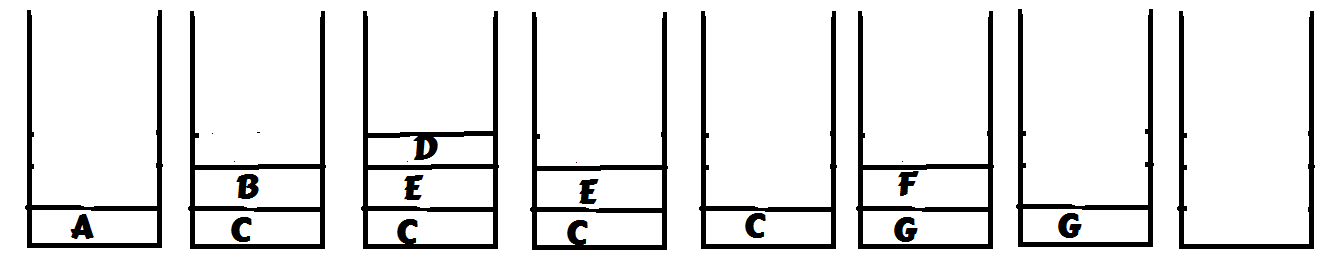
**CURRENT OUTPUT : ABDEC**

1. Pop “F” print, add children

**CURRENT OUTPUT : ABDECF**

1. **Pop** “G”, print add children

**CURRENT OUTPUT : ABDECFG**

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