

|   |
|---|
|   |
| A |

Call DFS on A

|   |
|---|
|   |
| C |
| A |

Mark A  
Process (A, C)  
Print (A, C) and  
call DFS on C

|   |
|---|
|   |
| B |
| C |
| A |

Mark C  
Process (C, A)  
Process (C, B)  
Print (C, B) and  
call DFS on B

|   |
|---|
|   |
| F |
| B |
| C |
| A |

Mark B  
Process (B, C)  
Process (B, F)  
Print (B, F) and  
call DFS on F

|   |
|---|
| D |
| F |
| B |
| C |
| A |

Mark F  
Process (F, B)  
Process (F, C)  
Process (F, D)  
Print (F, D) and  
call DFS on D

|   |
|---|
|   |
| F |
| B |
| C |
| A |

Mark D  
Process (D, C)  
Process (D, F)  
Pop D

|   |
|---|
| E |
| F |
| B |
| C |
| A |

Process (F, E)  
Print (F, E) and  
call DFS on E

|   |
|---|
|   |
| F |
| B |
| C |
| A |

Mark E  
Process (E, A)  
Process (E, F)  
Pop E

|   |
|---|
|   |
| B |
| C |
| A |

Done with F  
Pop F

|   |
|---|
|   |
| C |
| A |

Done with B  
Pop B

|   |
|---|
|   |
| A |

Continue with C  
Process (C, E)  
Process (C, F)  
Pop C

|  |
|--|
|  |
|  |

Continue with A  
Process (A, E)  
Pop A  
DFS complete