

A	
---	--

Initial call to BFS on A.  
Mark A and put on the queue.

E	B	D	F	
---	---	---	---	--

Dequeue C.  
Process (C, A). Ignore.  
Process (C, B).  
Mark and enqueue B. Print (C, B).  
Process (C, D).  
Mark and enqueue D. Print (C, D).  
Process (C, F).  
Mark and enqueue F. Print (C, F).

D	F	
---	---	--

Dequeue B.  
Process (B, C). Ignore.  
Process (B, F). Ignore.

--	--	--

Dequeue F.  
Process (F, B). Ignore.  
Process (F, C). Ignore.  
Process (F, D). Ignore.  
BFS is complete.

C	E	
---	---	--

Dequeue A.  
Process (A, C).  
Mark and enqueue C. Print (A, C).  
Process (A, E).  
Mark and enqueue E. Print(A, E).

B	D	F	
---	---	---	--

Dequeue E.  
Process (E, A). Ignore.  
Process (E, F). Ignore.

F	
---	--

Dequeue D.  
Process (D, C). Ignore.  
Process (D, F). Ignore.