We are going to compare different search techniques on this graph. Assume that:

- the start state is A
- the goal state is G (!!!)
- the successors of a state are pushed onto the agenda in alphabetical order
- we are not considering paths that revisit the same state (within the path)

Enter each of your answers below as a sequence of state names, with no punctuation, e.g. A B D.

1. What sequence of paths are pushed on the agenda by breadth-first search without dynamic programming (write only as many paths as fit below -- they will not necessarily reach the goal):
   1. A
   2. A B
   3. A C
   4. 
   5. 
   6. 
   7. 
   8. 
   9. 
   10. 
   11. 
   12. 
   13. 
   14. 

   Final path is 

2. What sequence of paths are pushed on the agenda by breadth-first search with dynamic programming (write only as many paths as fit below -- they will not necessarily reach the goal):
   1. A
   2. A B
3. A C
4. 
5. 
6. 

Final path is