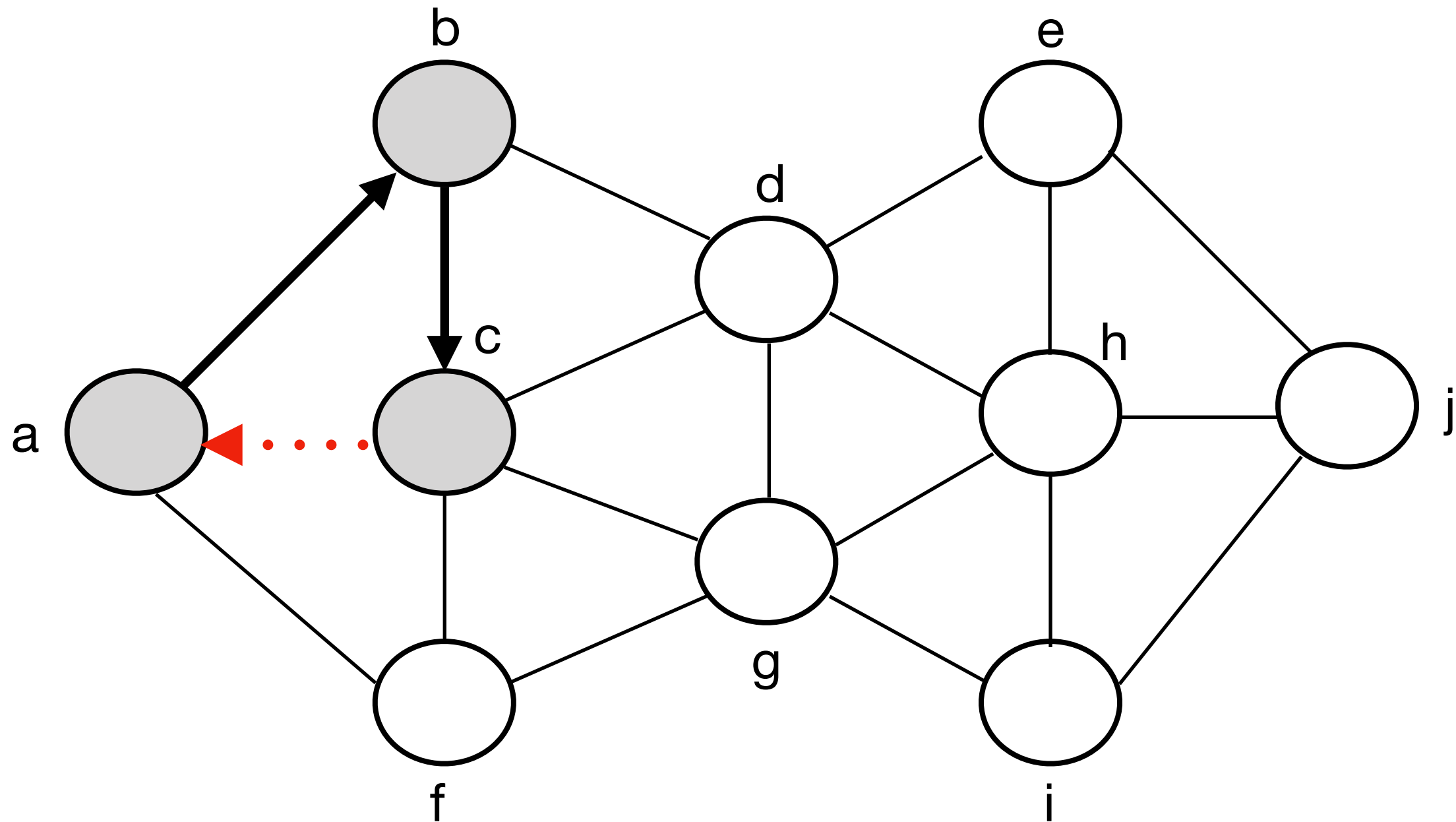


Run DFS from vertex *a*. Whenever faced with a decision of which vertex to pick from a set of vertices, pick the vertex whose label occurs earliest in the alphabet.

—————▶ discovery edge  
.....▶ back edge



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