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/*
 bfs_pseudocode.txt
  Pseudocode for breadth first traversal of a graph
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// Return the set of vertices visited during
// a breadth-first traversal of g, starting at
// startv
set<vertices> bfs(graph g, vertex startv)
 queue<vertices> visitQ;
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  for (each vertex, v, in the graph)
   mark v as UNVISITED; // WHITE
 visitQ.push(startv);
 while (visitQ is not empty)
   currentV = head of queue; then pop queue;
   mark currentV as VISITED;
                              // BLACK
   visitSet.insert(currentV);
   neighbors = getNeighbors(currentV);
    for (each neighbor, n, in neighbors)
      if (n is not VISITED and n is not PROCESSED)
         mark n as PROCESSED; // GREY
          visitQ.push(n);
  } // while
 return visitSet;
```