def bfs(graph, v):
    all = []
    Q = []
    Q.append(v)
    while Q != []:
        v = Q.pop(0)
        all.append(v)
        for n in graph[v]:
            if n not in Q and n not in all:
                Q.append(n)
    return all
<table>
<thead>
<tr>
<th>V</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1,4</td>
<td>0.2,3</td>
<td>0.3</td>
<td>5,6</td>
<td>x,4,5</td>
<td>7,8</td>
<td>3,8</td>
<td>6</td>
<td>8,5</td>
</tr>
</tbody>
</table>

0, 1, 3, 5, 2, 6, 8, 7, 4