**PageRank Simulations:**

Try simulating the following "world-wide webs". They all consist of the same 5 pages, but linked in different ways. As you build each, try to predict which pages will be ranked the highest and which ranked the lowest and then check your prediction in the simulator.

Your goal should be able to provide a convincing explanation for why the random surfer model produces the results it does.

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| **Web 1:**  ***No links – can only do random moves. Who is most popular?*** | **Web 2:**  ***Page4 gets traffic from page1. Page 3 gets traffic from page0 and page2. Who is the most popular? Why?*** |
| **Web 3:**  ***Page0 feeds pages 2 and 3. Page 1 feeds surfers to page4. Who is helped more by this? Page 4 or pages 2&3.*** | **Web 4:**  ***Page5 gets traffic from page 2. Page 6 gets it from page 4. Does that mean they are equally popular? Why?*** |