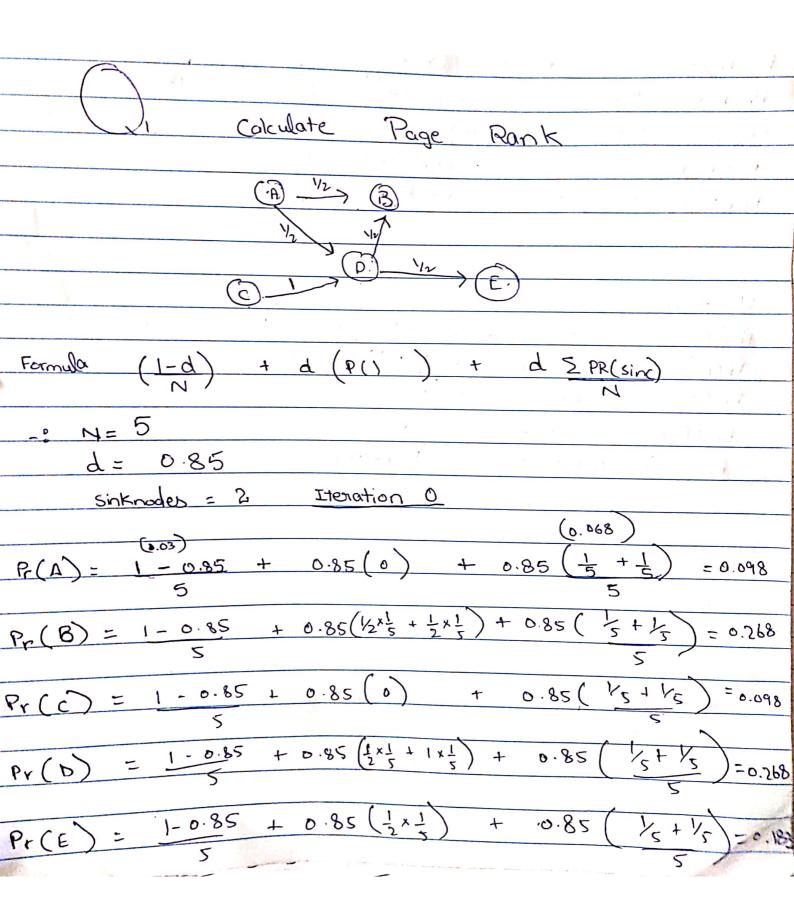
P2. Calculate HTTS store: outdage (4) hullsome = & auth scores of cathogras (2) andh score = 2 hubsores of indegree 五十年 書 1 take all bubsines = 1 +x3-3 H(1) = H(2) = H(3) = H(4) = H(5) = 1 13× === hid authority sores: audh(1) = H(5) = 1 andh(2) = H(1) = 1 auth(3) = +1(2)=1 auth(4) = H(3)+H(1) = 2 anth (5) = H(4) = 1 and = <1,1,1,2,17normalised authority scores: auth(1) = 1/6 auth(2)=1/6 auth(3) = 1/6 outh(4)=2/6=1/3 auth(5) = 1/6 auth' = < 1/6, 1/6, 1/3, 1/6> Que those authority scores to find now hubscores. H(1) = auth(4) + auth(2) = 1/317 1/6 = 3/6 = 1/2 H(2) = auth(3) = 1/6 H(3) = auth(4) = 1/3 H(4) = auth(5) = 16 H(5) = auth(1) = 18 <12,16,18,16,16 P normaise: total = 1/2 + 1/6 + 1/3 + 1/6 + 1/6 = 8/6 = 4/3 $H(1) = \frac{1}{2} / \frac{4}{3} = \frac{3}{8}$ $H(2) = \frac{1}{6} / \frac{4}{3} = \frac{3}{24} = \frac{1}{8}$ H(3) = 1/3/4/3 = 1/4 H(4) = 1/6/4/3 = 1/8 H(S)= 1/6/0/3 = 1/8 hub' = < 3/8, 1/4, 1/8, 1/8> T authority scores: auth(1) = $\frac{1}{5}$ = $\frac{1}{8}$ auth(2) = $\frac{3}{8}$. auth (3) = $H(2) = \frac{1}{8}$ auth (4) = $H(3) + H(1) = \frac{1}{4} + \frac{3}{8} = \frac{5}{8}$ auth(5) = H(4) = 1/8 auth = < 1/8, 3/8, 1/8, 5/8, 1/8>

1/8 + 5/8 + 1/8 = 1/8

andh (2) = 3/8/1/8 = 3/4/1 morrhelise: total = 1/8 + 3/8 + auch (1) = 1/8/11/8 = 1/11 auth (4) = 5/8/.1/8 = 5/11 auth (3) = /8/1/8 = /11 auth(5)= 1/8/11/8 = 1/1 auth' = < /11, 3/11, 1/11, 5/11, 1/11 > dons till 3 iderations as told by maain.







Iteration 1

$$P_{r}(A) = 0.03 + 0.85(0) + 0.85(0.268 + 0.183) = 0.107$$

$$P_{r}(B) = 0.03 + 0.85(0.268 + 0.183) = 0.56$$

$$P_{r}(C) = 0.03 + 0.85(0.268 + 0.183) = 0.56$$

$$P_{r}(C) = 0.03 + 0.85(0.268 + 0.183) = 0.41$$

$$P_{r}(D) = 0.03 + 0.85(0.268 + 0.183) + 0.383 = 0.53$$

$$P_{r}(E) = 0.03 + 0.85(0.268 + 0.183) + 0.383 = 0.49$$

Iteration 2

$$P_{r}(A) = 0.03 + 0.85(0) + 0.85(0.56 + 0.49) = P_{r}(B) = 0.03 + 0.85(1/240.5) + 0.85(1/240$$