What is the output for Matrix M? Give (print) the matrix:

```
      A         B         C         D     E    F
A  0.0  0.000000  0.000000  0.000000  0.00  0.0
B  1.0  0.000000  0.333333  0.333333  0.25  0.0
C  0.0  0.333333  0.000000  0.333333  0.25  0.0
D  0.0  0.333333  0.333333  0.000000  0.25  0.0
E  0.0  0.333333  0.333333  0.333333  0.00  0.0
F  0.0  0.000000  0.000000  0.000000  0.25  0.0
```

What is the output of Matrix A? After applying teleportation. Give (print) the matrix.

```
[[0.025      0.025      0.025      0.025      0.025      0.025     ]
 [0.875      0.025      0.30833333 0.30833333 0.2375     0.025     ]
 [0.025      0.30833333 0.025      0.30833333 0.2375     0.025     ]
 [0.025      0.30833333 0.30833333 0.025      0.2375     0.025     ]
 [0.025      0.30833333 0.30833333 0.30833333 0.025      0.025     ]
 [0.025      0.025      0.025      0.025      0.2375     0.025     ]]
```

What is the original rank vector (R)?:

```
 [[0.16666667]
 [0.16666667]
 [0.16666667]
 [0.16666667]
 [0.16666667]
 [0.16666667]]
```

When you use Matrix M

```
[[0.00000000e+00]
 [1.25876784e-05]
 [1.25876784e-05]
 [1.25876784e-05]
 [1.34734421e-05]
 [3.60538370e-06]]
```

iterations is 143

When you use Matrix A

```
[[0.025     ]
 [0.15901537]
 [0.14245693]
 [0.14245693]
 [0.15077911]
 [0.05704034]]
```

iterations is 46

https://github.com/anemati45/Information-Retrieval-And-Web-Search