

Experiment 10

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Subject: DWM

Class: TE4

Roll no: 46

Batch: D

Aim: Implementation of Page rank algorithm.

Code:

```
import networkx as nx
import matplotlib.pyplot as plt

D=nx.DiGraph()
D.add_weighted_edges_from([('A','B',1),('A','C',1),('C','A',1),('B','C',1)])
print("Page Ranks :", nx.pagerank(D))
nx.draw(D, with_labels=True)
plt.show()
```

Output:

```
Page Ranks : {'A': 0.387789442707259, 'B': 0.21481051315058508, 'C': 0.3974000441421556}
```

