C:\Users\Ollie\Anaconda3\python.exe C:/Users/Ollie/Documents/University_Work/ECM1400_Programming/Python_Scripts/
Coursework_2/rw.py
NON BIASED RANDOM WALK
Visited Vertices: [9, 6, 7, 8, 6, 2, 6, 7, 8, 7, 6, 4, 2, 6, 2, 6, 7, 8, 7, 6, 5, 6, 2, 6, 9, 10, 11, 12, 11, 9, 6, 12,
18, 19, 20, 19, 12, 14, 12, 9, 12, 11, 10, 9, 6, 4, 6, 12, 25, 24, 25, 24, 25, 12, 9, 11, 9, 8, 7, 8, 7, 8, 7, 8, 7, 8, 6
, 9, 11, 12, 25, 22, 21, 20, 12, 20, 12, 20, 22, 24, 25, 22, 20, 19, 18, 19, 12, 18, 17, 18, 12, 16, 12, 14, 15, 12, 17,
12, 18, 12, 11, 9, 11, 9, 11, 10, 11, 12, 20, 21, 22, 25, 24, 25, 22, 25, 24, 25, 22, 12, 13, 12, 9, 12, 6, 5, 4, 2, 3, 4
, 6, 5, 6, 4, 2, 1, 2, 3, 4, 3, 2, 6, 8, 9, 6, 4, 6, 4, 2, 6, 7, 6, 2, 3, 4, 2, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 2, 4, 5,
4, 6, 9, 12, 20, 12, 13, 14, 13, 14, 13, 14, 15, 12, 15, 12, 9, 12, 19, 20, 12, 14, 12, 17, 16, 17, 16, 17, 16, 12]

BIASED RANDOM WALK
Visited Vertices: [12, 6, 12, 22, 12, 22, 12, 22, 12, 6, 12, 6, 12, 6, 12, 6, 12, 6, 12, 22, 24, 22, 12, 6, 12, 6, 12, 22
, 12, 6, 12, 6, 12, 6, 12, 22, 12, 9, 12, 6, 12, 25, 12, 9, 12, 22, 12, 22, 12, 6, 12, 22, 12, 15, 12, 22, 12, 6, 12, 6,
12, 6, 9, 12, 6, 12, 22, 12, 22, 12, 22, 12, 6, 12, 22, 12, 6, 12, 6, 12, 6, 12, 22, 12, 20, 12, 22, 12, 6, 12, 6,
12, 6, 12, 6, 12, 6, 12, 20, 12, 14, 12, 6, 12, 22, 12, 22, 12, 6, 12, 9, 12, 6, 12, 6, 12, 6, 12, 6, 12, 6, 12, 15, 12,
20, 12, 19, 12, 20, 12, 6, 12, 20, 12, 14, 12, 6, 12, 22, 12, 22, 12, 6, 12, 9, 12, 22, 12, 6, 12, 22, 12, 6, 12, 22, 12,
6, 12, 6, 9, 12, 6, 12, 6, 12, 6, 12, 6, 12, 6, 12, 22, 12, 6, 12, 9, 12, 6, 12, 6, 12, 6, 12, 6, 12, 22, 12, 6, 12, 22,
12, 9, 12, 9, 12, 20, 12, 6]

NON BIASED TRIPLETS
[9, 6, 7]
[6, 7, 8]
[7, 8, 6]
[8, 6, 2]
[6, 2, 6]
[2, 6, 7]
[6, 7, 8]
[7, 8, 7]
[8, 7, 6]
[7, 6, 4]
[6, 4, 2]
[4, 2, 6]
[2, 6, 2]
[6, 2, 6]
[2, 6, 7]
[6, 7, 8]
[7, 8, 7]
[8, 7, 6]
[7, 6, 5]
[6, 5, 6]

BIASED TRIPLETS
[12, 6, 12]
[6, 12, 22]
[12, 22, 12]
[22, 12, 22]
[12, 22, 12]
[22, 12, 22]
[12, 22, 12]
[22, 12, 6]
[12, 6, 12]
[6, 12, 6]
[12, 6, 12]
[6, 12, 6]
[12, 6, 12]
[6, 12, 6]
[12, 6, 12]
[6, 12, 6]
[12, 6, 12]
[6, 12, 22]
[12, 22, 24]
[22, 24, 22]

HISTOGRAM
Vertex ID 0 : *
Vertex ID 1 : **
Vertex ID 2 : ****
Vertex ID 3 : **
Vertex ID 4 : ****
Vertex ID 5 : **
Vertex ID 6 : *******
Vertex ID 7 : **
Vertex ID 8 : ***
Vertex ID 9 : *****
Vertex ID 10 : **
Vertex ID 11 : ***
Vertex ID 12 : *************
Vertex ID 13 : **
Vertex ID 14 : ***
Vertex ID 15 : ***
Vertex ID 16 : ***

```
Vertex ID 17 : ***
Vertex ID 18 : ***
Vertex ID 19 : ***
Vertex ID 20 : ****
Vertex ID 21 : **
Vertex ID 22 : ******
Vertex ID 23 : **
Vertex ID 24 : ***
Vertex ID 25 : ***

NON BIASED DICTIONARY
Vertex:  0 , Times Visited:  5
Vertex:  1 , Times Visited:  7
Vertex:  2 , Times Visited:  12
Vertex:  3 , Times Visited:  4
Vertex:  4 , Times Visited:  11
Vertex:  5 , Times Visited:  4
Vertex:  6 , Times Visited:  22
Vertex:  7 , Times Visited:  10
Vertex:  8 , Times Visited:  9
Vertex:  9 , Times Visited:  14
Vertex:  10 , Times Visited:  3
Vertex:  11 , Times Visited:  9
Vertex:  12 , Times Visited:  28
Vertex:  13 , Times Visited:  4
Vertex:  14 , Times Visited:  6
Vertex:  15 , Times Visited:  3
Vertex:  16 , Times Visited:  4
Vertex:  17 , Times Visited:  5
Vertex:  18 , Times Visited:  5
Vertex:  19 , Times Visited:  5
Vertex:  20 , Times Visited:  8
Vertex:  21 , Times Visited:  2
Vertex:  22 , Times Visited:  6
Vertex:  24 , Times Visited:  5
Vertex:  25 , Times Visited:  9

BIASED DICTIONARY
Vertex:  6 , Times Visited:  53
Vertex:  9 , Times Visited:  9
Vertex:  12 , Times Visited:  98
Vertex:  14 , Times Visited:  2
Vertex:  15 , Times Visited:  2
Vertex:  19 , Times Visited:  1
Vertex:  20 , Times Visited:  6
Vertex:  22 , Times Visited:  27
Vertex:  24 , Times Visited:  1
Vertex:  25 , Times Visited:  1


Process finished with exit code 0
```