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Sample input #1: This is the basic test case (It is the graph drawn in OriginalGraph.py)
13
24
12
1 3
1 4
21
25
26
27
3 1
38
3 9
3 10
4 1
4 11
4 12
4 13
5 2
6 2
7 2
83
93
10 3
11 4
12 4
13 4
Output: "This graph is SIMILAR to the one I received by E-mail"
Sample input #2: This test case tests if the number of vertices and edges is correctly
verified
4
4
12
23
3 4
4 1
Output: "This graph is DIFFERENT to the one I received by E-mail"

Sample input #3: This test case is similar to the first one but the edges are suffled 3 1 4 13 4 1 4 11 2 1 4 12 3 10 13 4 11 4 Output:"This graph is SIMILAR to the one I received by E-mail" Sample input #4: This is a completely different graph

Output: "This graph is DIFFERENT to the one I received by E-mail"

Sample input #5: This is very similar to the "Original Graph", the only difference is that the last leaf is connected to the root

13

24

12

13

14

2 1

25

26

27

3 1

38

39

- ·

3 10

4 1

4 11

4 12

4 13

5 2

62

72

103

11 4

12 4

13 1

Output: "This graph is DIFFERENT to the one I received by E-mail"