Triangles Count

4/4 points (100.00%)
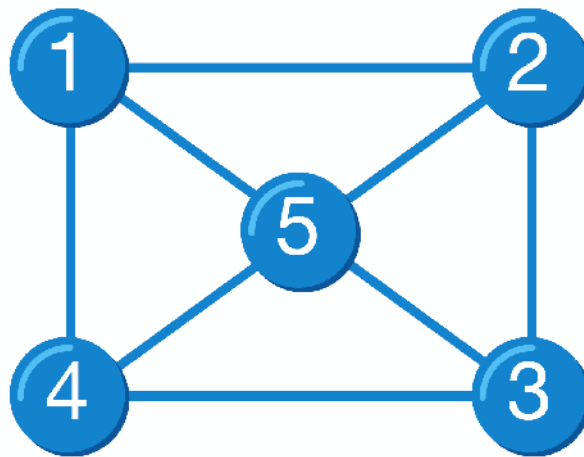
✔ **Congratulations! You passed!**

Next Item

✔ 1 / 1 points

1.

How many triangles are passing through vertex 5 in the graph in the picture?

⦿ 4

Correct
True. The triangles 1-2-5, 1-4-5, 2-3-5, 3-4-5 are passing through vertex 5.

◯ 3

◯ 5

1 / 1
points

2.

How does the triangleCount method of graphFrames treat the directed graph?

○ This algorithm keeps the edge direction that is all the edges are treated as directed.

◉ This algorithm ignores the edge direction that is all the edges are treated as undirected.

Correct
Yes, you are right!

✔ 1 / 1
points

3.

How to describe a triangle (A, B, C) after the flipping operation on DSL language of motif finding?

○ "(A)-[]->(B); (B)-[]->(C); (C)-[]->(A)"

◉ "(A)-[]->(B); (B)-[]->(C); (A)-[]->(C)"

Correct
Yes, you are absolutely right!

○ "(A)-[]->(); ()-[]->(); ()-[]->(C)"

What difficulties you can face during broadcasting the huge edge list?

○   It can dramatically slow down the performance.

●   Whether it's possible or not depends on the size of the edge list and on the amount of memory on each worker.

Correct
Yes, you are absolutely right

○   You can't broadcast an edge list