Talk

Let $G = (V, E)$ be an undirected graph. Let $e = \{u, v\}$ be an edge in G. Give an $O(n + m)$ time algorithm that finds the shortest cycle in G which contains the edge e. Explain why your algorithm is correct.

Do you understand each individual word?

Do you understand the problem as a whole?

What would the method signature be (return type, parameters)?

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