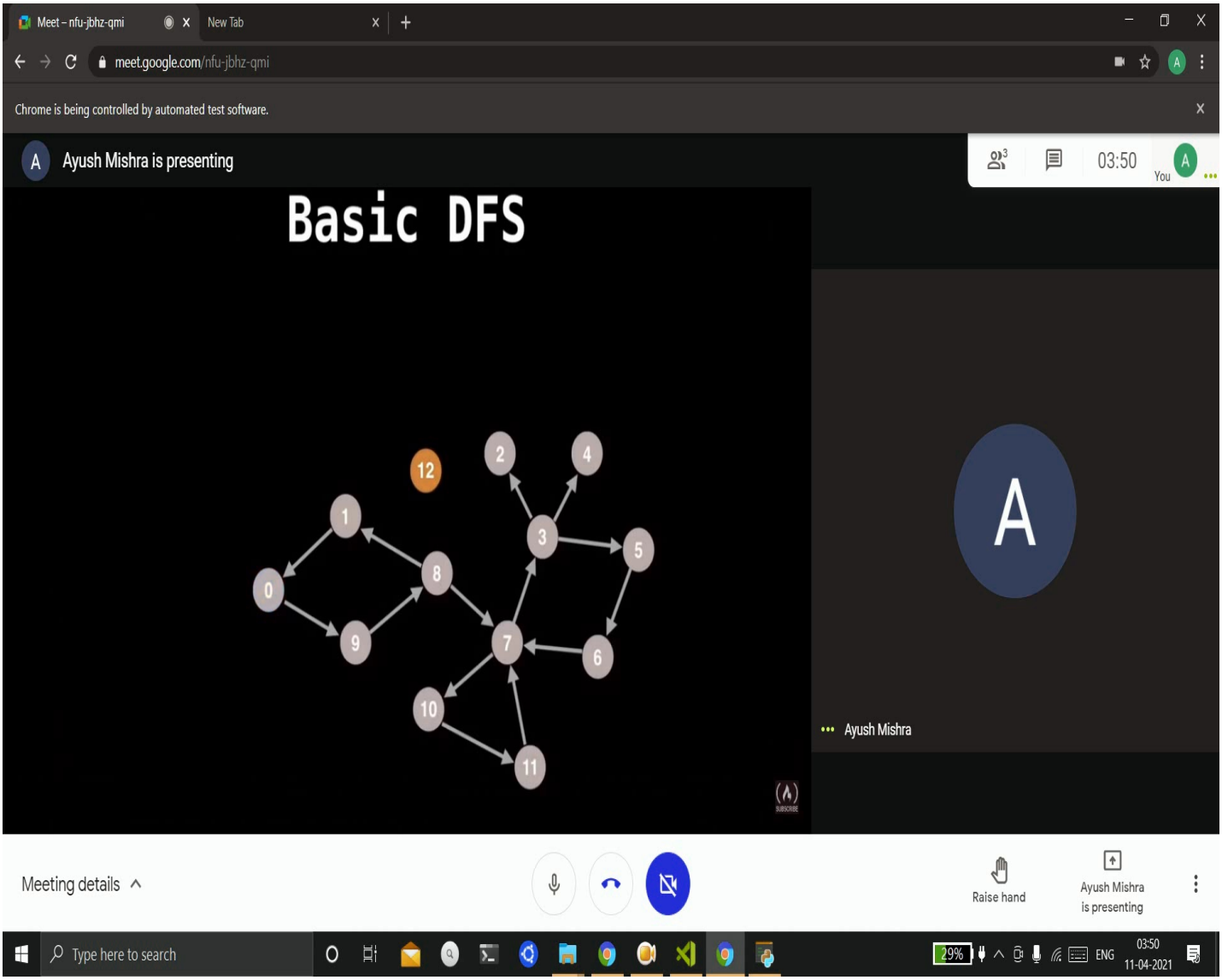
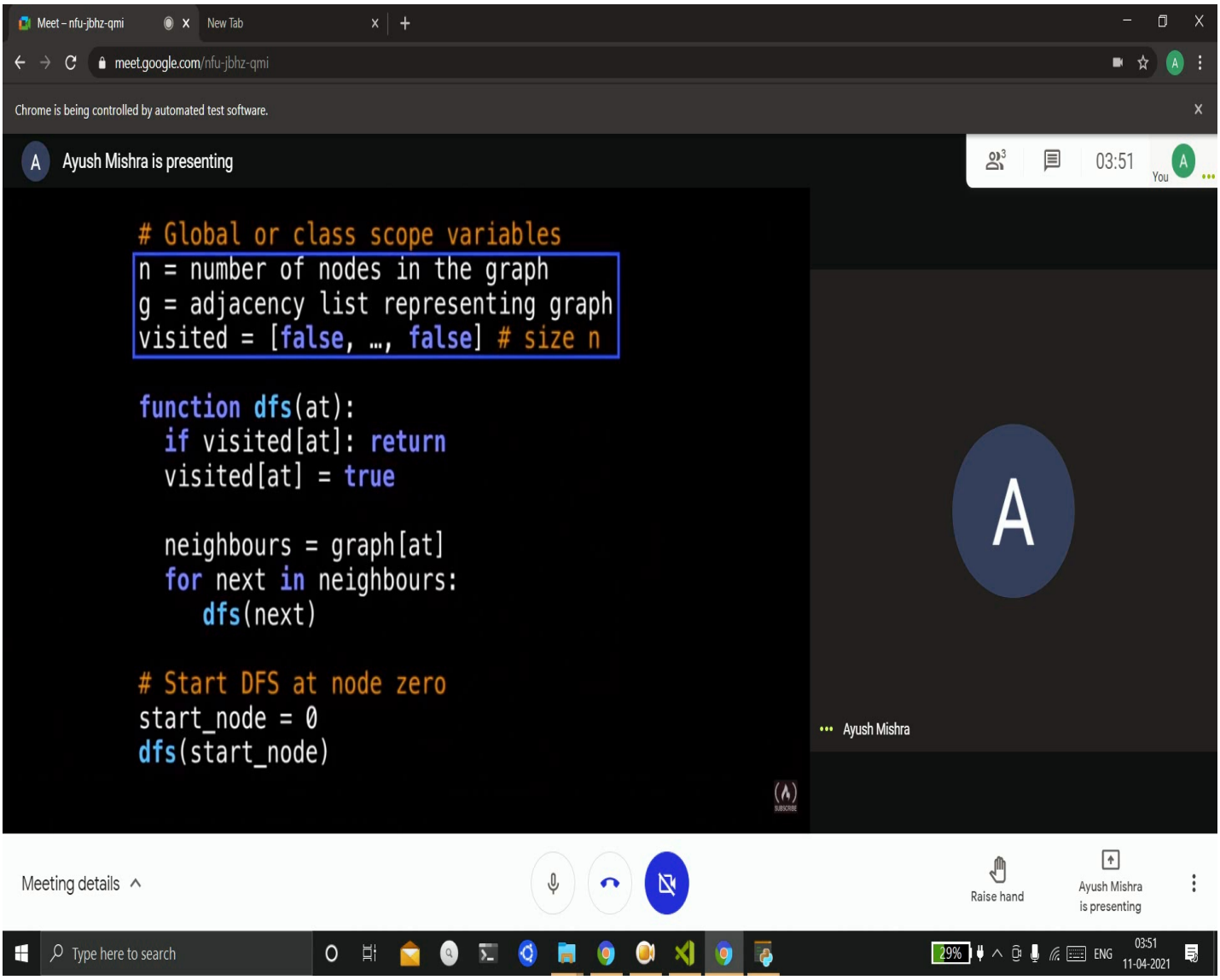
# Notes

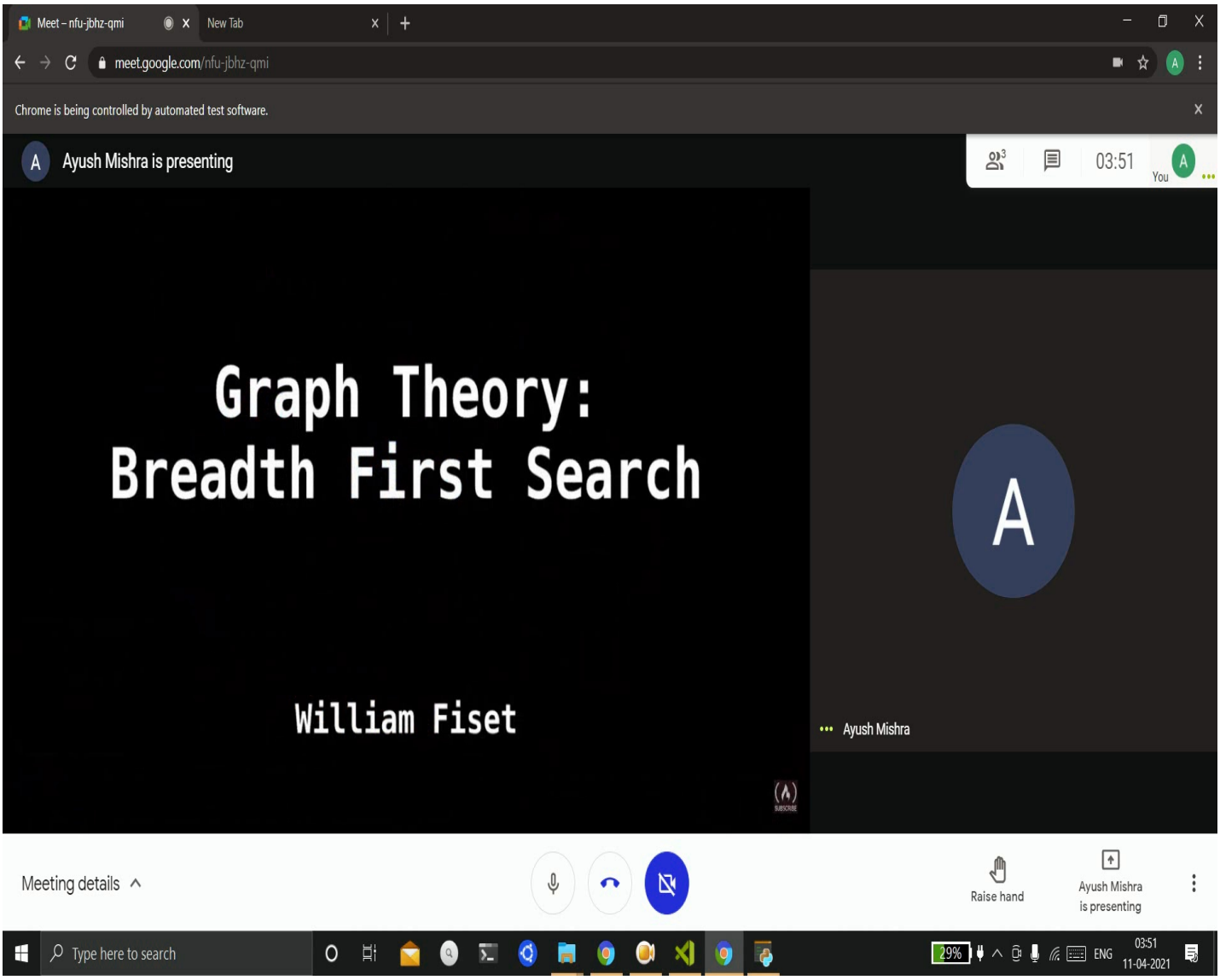
# Defth first search traversal of this graph



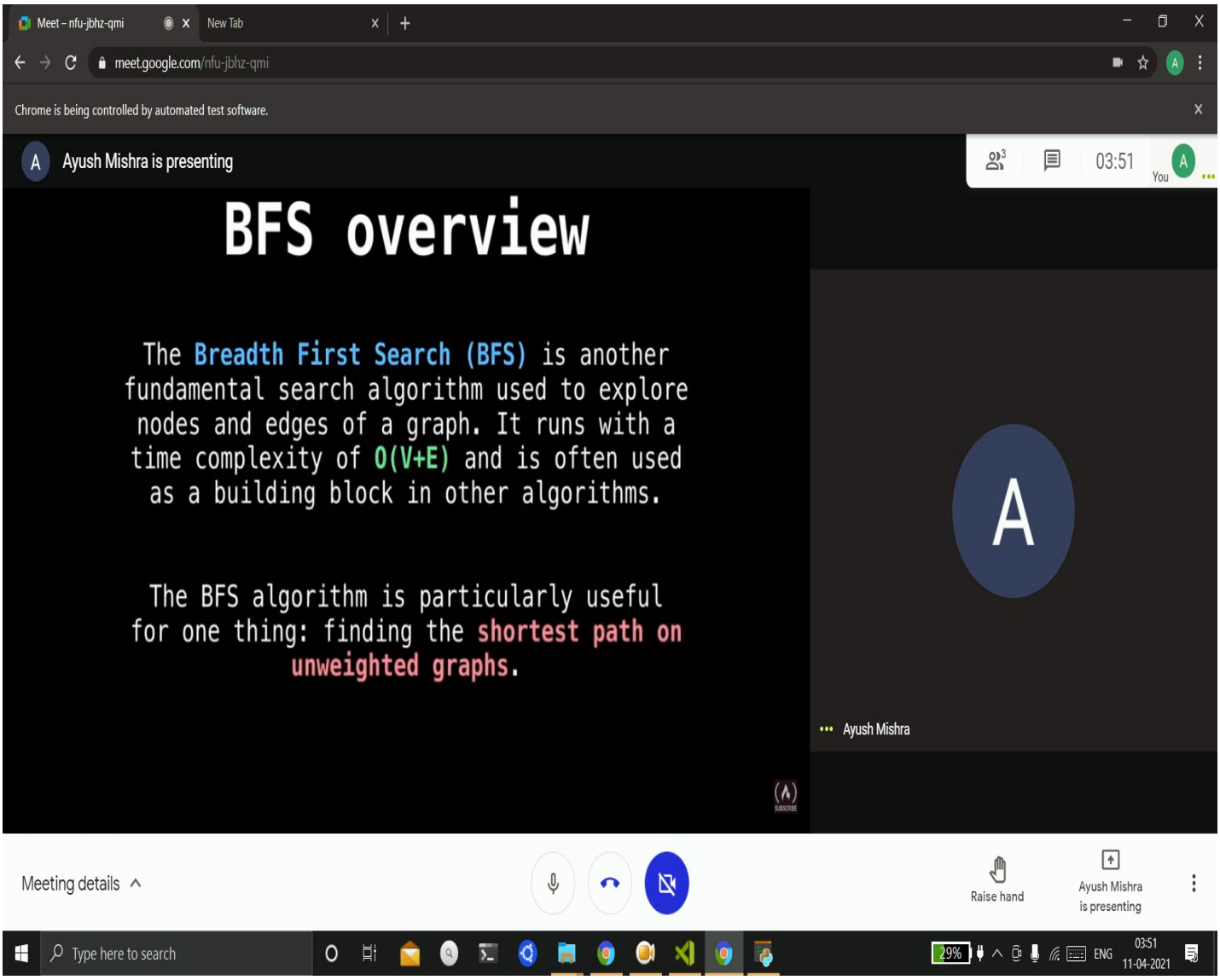

# Let's see different ways to see how it works




**the depth first search to get deeper understanding of how it works you need to do is initiali**




**the breadth first search graph traversal algorithm is another one of the fundamental search algorithms used its graph runs in a time complexity of big over n plus m the breadthfirst search algorithm is particularly useful for one thing finding the shortest path on an unweighted graph a breadth first search stress and a node in a graph and expose its neighbouring nodes first before moving on to next items it different from a depth first search in the world and expose graph visit neighbours then you would visit on your neighbours than ever before moving on to the next nodes then we would visit of their neighbours in a layered manner it does this by meeting at you a which made it should be the next this is most easily seen with an example let's begin your search and once more adds to the Q on the left**


Meet – nfu-jbhz-qmi
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Chrome is being controlled by automated test software.
Ayush Mishra is presenting
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BFS overview
The Breadth First Search (BFS) is another fundamental search algorithm used to explore nodes and edges of a graph. It runs with a time complexity of O(V+E) and is often used as a building block in other algorithms.
The BFS algorithm is particularly useful for one thing: finding the shortest path on unweighted graphs.
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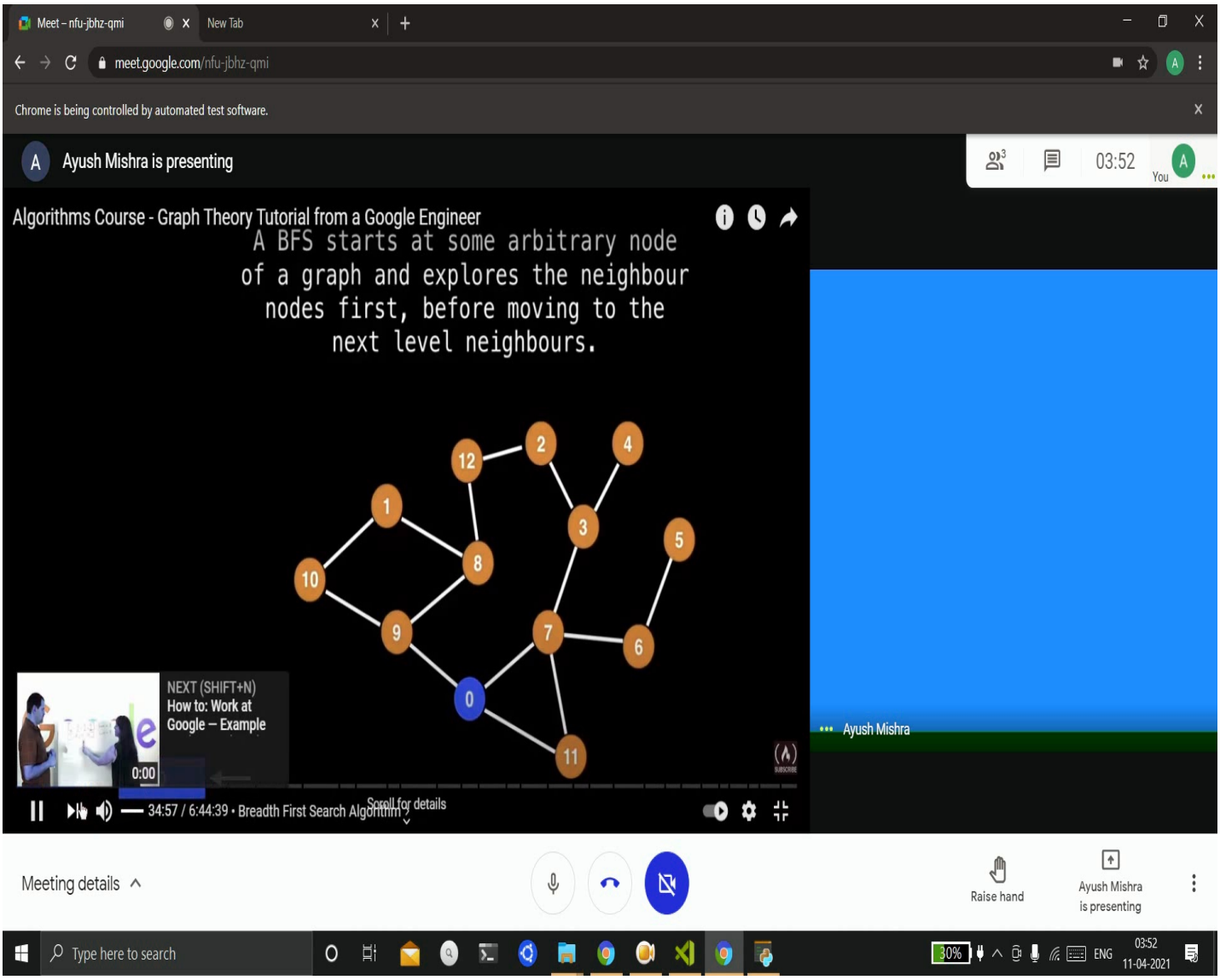
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Algorithms Course - Graph Theory Tutorial from a Google Engineer
A BFS starts at some arbitrary node of a graph and explores the neighbour nodes first, before moving to the next level neighbours.
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NEXT (SHIFT+N)
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34:57 / 6:44:39 • Breadth First Search Algorithm
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