

Test Cases

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- Verify whether the newIntersection() is returning true if coordinates are provided to the method.
- Verify whether the newIntersection() is returning false if the same coordinates are provided that are already acknowledged.
- Verify defineRoad() by passing coordinates which are acknowledged and check whether it's returning true or not.
- Verify defineRoad() by passing the same coordinates in source and destination and check whether it's returning false or not.
- Verify defineRoad() by passing source coordinates that are not present and check whether it's returning false or not.
- Verify defineRoad() by passing destination coordinates that are not acknowledged and check whether it's returning false or not.
- Verify defineRoad() by passing different source and destination coordinates that are not already acknowledged.
- Verify whether navigate() is printing the sequence of coordinates or not
- Verify whether navigate() is printing the shortest path or not.
- Verify whether navigate() is printing "no path" if there is no path between source and destination.
- Verify whether navigate() is printing "no path" if the source and destination coordinates are the same.
- Verify whether navigate() method is printing "no path" if the source or destination is not acknowledged.
- Verify bypassing coordinate values with maximum integer values.
- Verify bypassing negative coordinate values.