Test cases for "Halifax Map".

> ➢ **New Intersection:**

- Positive value for x and positive value for y

- Positive value for x and negative value for y

- Negative value for x and positive value for y

- Negative value for x and negative value for y

- Value of x and y which already exist

> ➢ **Define Road:**

- 1st intersection's co-ordinates which exist and 2nd intersection's co-ordinates which exist

- 1st intersection's co-ordinates which exist and 2nd intersection's co-ordinates which does not exist

- 1st intersection's co-ordinates which does not exist and 2nd intersection's co-ordinates which exist

- 1st intersection's co-ordinates which does not exist and 2nd intersection's co-ordinates which does not exist

- Co-ordinates for 1st and 2nd intersections for which a road already exists

- Invoke the function before adding any new intersection co-ordinates

> ➢ **Navigate:**

- Source co-ordinate which exist and destination co-ordinate which exist

- Source co-ordinate which exist and destination co-ordinate which does not exist

- Source co-ordinate which does not exist and destination co-ordinate which exist

- Source co-ordinate which does not exist and destination co-ordinate which does not exist

- Co-ordinates where source and destination are same and it exists

- Co-ordinates where source and destination are same and it does not exist

- Invoke the function before adding any new intersection co-ordinates

- Invoke the function before creating any roads

- Source or destination co-ordinate which is not connected to the graph