**Test Cases:**

LIST:

Add Edge:

* Inputs: 1
* Numbers: 1
* Function: insert
* Reason: Initial Test
* Worked? Yes

Add Edge:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

Add Edge:

* Inputs: 10000
* Numbers: 1 – 10000
* Function: insert
* Reason: High Numbers Test
* Worked? Yes

Add Edge:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Add Edge:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Add Vertex:

* Inputs: 1
* Numbers: 1
* Function: insert
* Reason: Initial Test
* Worked? Yes

Add Vertex:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

Add Vertex:

* Inputs: 10000
* Numbers: 1 – 10000
* Function: insert
* Reason: High Numbers Test
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Add Vertex:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Add Vertex:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Remove Edge:

* Inputs: 1
* Numbers: 1
* Function: insert
* Reason: Initial Test
* Worked? Yes

Remove Edge:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

Remove Edge:

* Inputs: 10000
* Numbers: 1 – 10000
* Function: insert
* Reason: High Numbers Test
* Worked? Yes

Remove Edge:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Remove Edge:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Remove Vertex:

* Inputs: 1
* Numbers: 1
* Function: insert
* Reason: Initial Test
* Worked? Yes

Remove Vertex:

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* Numbers: 1-100
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* Numbers: 1 – 10000
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* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

Remove Vertex:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

BFS:

* Inputs: 1
* Numbers: 1
* Function: insert
* Reason: Initial Test
* Worked? Yes

BFS:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

BFS:

* Inputs: 10000
* Numbers: 1 – 10000
* Function: insert
* Reason: High Numbers Test
* Worked? Yes

BFS:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

BFS:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

DFS:

* Inputs: 1
* Numbers: 1
* Function: insert
* Reason: Initial Test
* Worked? Yes

DFS:

* Inputs: 100
* Numbers: 1-100
* Function: insert
* Reason: Medium Numbers Test
* Worked? Yes

DFS:

* Inputs: 10000
* Numbers: 1 – 10000
* Function: insert
* Reason: High Numbers Test
* Worked? Yes

DFS:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

DFS:

* Inputs: 10000
* Numbers: Random
* Function: insert
* Reason: Random Numbers Test
* Worked? Yes

MATRIX:

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* Numbers: 1
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* Numbers: 1-100
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