

Problem-1

Documentation (internal and external), program organization, clarity, modularity, style

4

- External documentation gives a reasonable overview of the program
- The key algorithm and design section explained well.
- Sufficient internal documentation
- Comments written before methods to describe them and their parameters
- Class implements the given method structures.
- Clear breakdown of methods.
- No hard-coded values.
- Proper indentation provided.

List of test cases for the problem

3

- Most of the test cases are covered.

Ability to create the graph from the inputs and to return appropriately in error conditions

3

- List of test cases looks complete. Good work.

Ability to calculate and report on the clusters

9.5

Following is the partial list of test cases failed:

- (Data Flow) call clusterVertices more than once on same object.
- call clusterVertices with tolerance value entered as negative number

19.5