Problem 1[10 points]:
- Reason for failure of code is explained in simple language with suitable example.

Problem 2[10 points]:
- Correct and precise answer with easy to understand language

Problem 3[20 points]

   Performance Requirement:
- Program has no compilation errors

- Program works for smallUF.txt and mediumUF.txt with no errors

- Program meets the style requirements (comments, indentation, variable names, etc.)

Problem 4:[10 points]
- Correct and precise answer with easy to understand language

Problem 5[20 points]

   Performance Requirement:
- Program has no compilation errors

- Outputs are correct

- Program meets the style requirements (comments, indentation, variable names, etc.)

Problem 6[20 points]

   Performance Requirement:
- Program has no compilation errors

- Outputs are correct

- Program meets the style requirements (comments, indentation, variable names, etc.)

Problem 7 [20 points]

   Performance Requirement:
- Program has no compilation errors

- Outputs are correct

- Program meets the style requirements (comments, indentation, variable names, etc.)