**Task 2**

1. **Similarity measure: Euclidean**

Similarity Value File Number

4.31336005283700e-05 18

4.30620579459438e-05 16

4.30484819228808e-05 19

1. **Similarity measure: DTW**

Similarity score file number

7.58529761213168e-10 18

7.51182998315571e-10 16

7.50328972583283e-10 17

1. **Similarity measure: similarity w.r.t words**

Similarity score file number

2 1

2 16

2 19

1. **Similarity measure: similarity w.r.t average words**

Similarity score file number

5 19

4 1

4 16

1. **Similarity measure: similarity w.r.t difference words**

Similarity score file number

5 19

4 1

4 16

1. **Similarity measure: Word File Similarity with A Function**

>> Proj2\_2  
Please enter a query file path:C:\Users\pdadi\Desktop\TestExecution\Query\_Simulation\_File\word\query.csv  
Please enter a root directory path: C:\Users\pdadi\Desktop\TestExecution\Input  
Please enter the number of similar files: 3  
Select the similarity measure  
Enter a - Ecludean Distance  
Enter b - Dynamic Time Wrapping Distance  
Enter c - Word File Similarity without A Function  
Enter d - Average File Similarity without A Function  
Enter e - Difference File Similarity without A Function  
Enter f - Word File Similarity with A Function  
Enter g - Average File Similarity with A Function  
Enter h - Difference File Similarity with A Function  
**Enter the choice of your similarity : f**  
Please enter the location of connectivity graph : C:\Users\pdadi\Desktop\TestExecution\LocationMatrix\LocationMatrix.csv  
  
   1.0e+04 \*  
  
    1.5860    0.0001  
    1.5499    0.0016  
    1.1159    0.0019

**7) Similarity measure: Average File Similarity with A Function**

>> Proj2\_2  
Please enter a query file path:C:\Users\pdadi\Desktop\TestExecution\Query\_Simulation\_File\average\query.csv  
Please enter a root directory path: C:\Users\pdadi\Desktop\TestExecution\Input  
Please enter the number of similar files: 3  
Select the similarity measure  
Enter a - Ecludean Distance  
Enter b - Dynamic Time Wrapping Distance  
Enter c - Word File Similarity without A Function  
Enter d - Average File Similarity without A Function  
Enter e - Difference File Similarity without A Function  
Enter f - Word File Similarity with A Function  
Enter g - Average File Similarity with A Function  
Enter h - Difference File Similarity with A Function  
**Enter the choice of your similarity : g**  
Please enter the location of connectivity graph : C:\Users\pdadi\Desktop\TestExecution\LocationMatrix\LocationMatrix.csv  
   1.0e+05 \*  
  
    1.0878    0.0002  
    0.5954    0.0000  
    0.5904    0.0002

**8) Similarity measure: Difference** **File Similarity with A Function**

>> Proj2\_2  
Please enter a query file path:C:\Users\pdadi\Desktop\TestExecution\Query\_Simulation\_File\difference\query.csv  
Please enter a root directory path: C:\Users\pdadi\Desktop\TestExecution\Input  
Please enter the number of similar files: 3  
Select the similarity measure  
Enter a - Ecludean Distance  
Enter b - Dynamic Time Wrapping Distance  
Enter c - Word File Similarity without A Function  
Enter d - Average File Similarity without A Function  
Enter e - Difference File Similarity without A Function  
Enter f - Word File Similarity with A Function  
Enter g - Average File Similarity with A Function  
Enter h - Difference File Similarity with A Function  
**Enter the choice of your similarity : h**  
Please enter the location of connectivity graph : C:\Users\pdadi\Desktop\TestExecution\LocationMatrix\LocationMatrix.csv  
   1.0e+05 \*  
  
    1.0878    0.0002  
    0.5954    0.0000  
    0.5904    0.0002