**Question 1**

For itemset {D,E,F}, report the following statistics.

S1: [A,B,B,B,B,B,C,D,E,A,F,B,C]

S2: [F,D,D,D,E,E,A,F,D,A,B,Z,C]

S3: [A,D,F,A,D,E,C,B,F,F,B,A,A,E,A,A,C]

(1)

Length of minimum occurrence window in S1, S2 and S3. Just report the three numbers (no explanation required).

S1: D, E, A, F

Thus the length: 4

S2: E, A, F, D

Thus the length: 4

S3: F, A, D, E

Thus the length: 4

(2)

Number of outliers in outlier based minimum occurrence window in S1, S2 and S3. Just report the three numbers (no explanation required).

S1 outlier based minimum occurrence window: D, E, A, F(one of)

Thus, number of outliers: 1

S2 outlier based minimum occurrence window: F, D, D, D, E (one of)

Thus, number of outliers: 0

S3 outlier based minimum occurrence window: F, A, D, E (one of)

Thus, number of outliers: 1