

1. Considering three sequences

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]

- By definition, we have the result as following table shows

	Length of minimum occurrence window
S1	4
S2	4
S3	4

- By definition, we have the result as following table shows

	Number of outliers in outlier based minimum occurrence window
S1	1
S2	0
S3	1

2. According to the instruction of problem 2, the algorithm is implemented in *Question2.lbai5.py*, and we got the following output

```

1
1, 2
1, 2, 4
1, 4
2
2, 4
2, 4, 5
2, 5
4
4, 5
5
5, 6
6

```

which are all stored in file *output.txt*.