

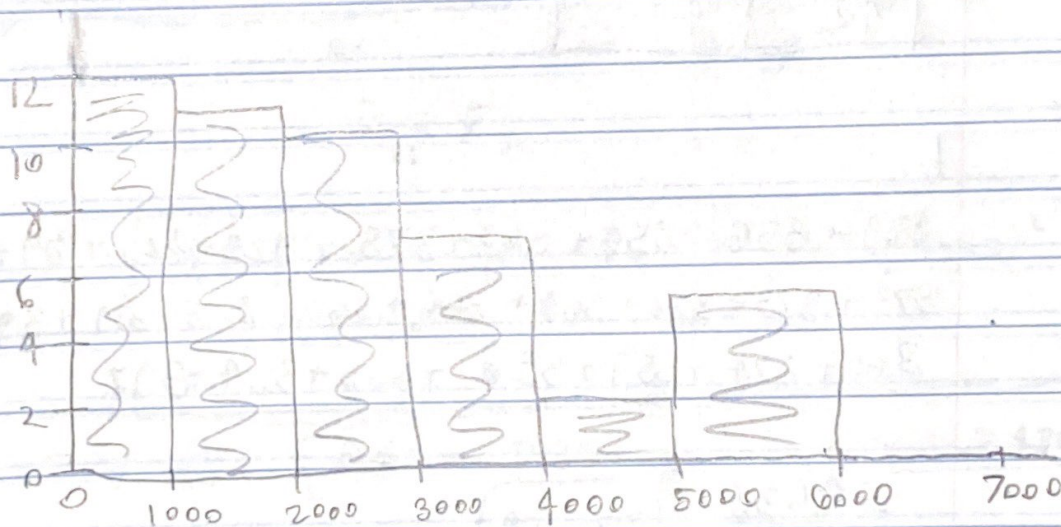
20)

a)

stem	leaf
0	1 2 3 3 3 4 5 5 5 5 9 9
1	0 0 1 2 2 2 3 4 6 8 8
2	1 1 1 2 3 4 4 4 7 7
3	0 1 1 3 3 3 8
4	3 7
5	2 3 7 7 8

• The data provided is positively skewed

b)



Number of observations less than 2000 = Number of observations in the classes = 23

proportion of observations less than 2000 = $\frac{23}{47}$

• The histogram has a distribution = 0.489 which is positively skewed