1. For the following histograms, estimate the mean and median.

![Histogram of C1](image1)

![Histogram of C2](image2)

2. Twenty students who own and drive a car were observed for one year. The following are the numbers of times a student had to take his/her care in to a mechanic for service during the observation period:

```
5 0 9 6 0 0 5 0 6 1
5 0 0 0 7 0 0 4 7
```

*Using Minitab:*

a. Determine the median number of service visits.

b. Determine the mean number of service visits.

c. Create a histogram of the data. Mark the position of the mean and the median on the histogram (*you can do this part by hand*). Please attach the printout of the histogram to this assignment.

d. What feature of the histogram suggests that neither the mean nor the median is a meaningful summary of the experience of these students?

e. Is there a logical reason that this pattern in the data might be occurring?