**QUESTION 5:** Describe how you can answer research question 2 and what your answer is.

**Answer:** In order to answer the researchquestion ,I have kept the data of temperatures in csv files according to the specifications mentioned . The average temperature of each high , low are calculated and also individually the average temperatures for each day is also calculated and rounded according to the given conditions. The Average of precipitation is also calculated. Next the histograms for temperatures from (June to September, 2009) and (June to September, 2016) were generated based on the values. From the histograms the frequency count of temperature for 80 and 85 in (June to September,2009) are recorded as high, where 85 is slightly high. Similarly the frequency count of temperature for 85 in (June to September,2016) are recorded as high. While conducting T-Test, for high temperatures the p value is 0.924 which is greater than 0.05 hence we can say there is an evidence of null hypothesis. Next for low temperatures, the p value is 0.0098 which is much less than 0.05,therefore we are against the null hypothesis. In the p value is 0.596 which is greater than 0.05 ,so we cannot eliminate the null hypothesis.