**Load the data set FlightDelays the data has information on the flights over the year 2004 and if a particular flight was delayed or not.**

1. Find out the number of delayed flights for all weekdays

2. Find the average distance, total distance and count for all delayed flights on Friday.

3. Find out how many flights were on time on Week days and Weekends (Consider Saturday and Sunday as weekends)

4. Find out the number of flights for each destination across all weekdays

5. Find out the number of times weather was bad across all weekdays. (1 indicates bad weather)

Hints:

1. Make sure that you convert the column containing date information into date format

2. While converting the column with date information into date format, make sure that you are supplying the correct date specification. Eg: a string like 1/1/2001, can mean both 1st January 2001 and January 1 2001. Make sure you check the format of date column before proceeding with the assignment.