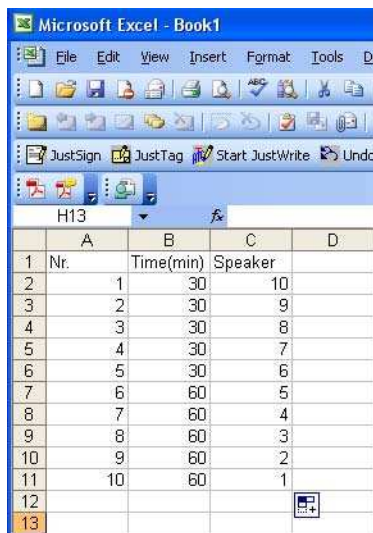


Assignment 1

due Tuesday Sept. 10, 2007 at the beginning of the class.

1. For the first problem you need to figure out how to input data into R. Read the documentation on the functions `read.table()` and `read.csv()`.
 - (a) Using Excel create a table like in the Figure 1. Save the file as a comma separated (csv file). Use the functions in R you have read about to input the numbers in R. Make sure you understand the “header” option



	A	B	C	D
1	Nr.	Time(min)	Speaker	
2	1	30	10	
3	2	30	9	
4	3	30	8	
5	4	30	7	
6	5	30	6	
7	6	60	5	
8	7	60	4	
9	8	60	3	
10	9	60	2	
11	10	60	1	
12				
13				

Figure 1: Excel file

- (b) From the CD accompanying the textbook find the file that contains the data in Table 1.9 from the book. Part of this assignment is to actually find and figure out yourself how to import the data into R.
2. For this problem you will need to use the data input in the problem above or a piece of paper and a crayon. It will be much easier using R. Refer to problem 1.37 in your textbook (page 38) for this problem.
- (a) Answer part (a) of the problem 1.37 in the book.
 - (b) Answer parts (b) (c) and (d) of the problem replacing stemplots with histograms. In part (d) create histograms on top of each other instead of back to back stemplots. Consult your R manual about how to do this. Output and include the images with your assignment. Alternately, using a calculator answer these points and create histograms yourself.