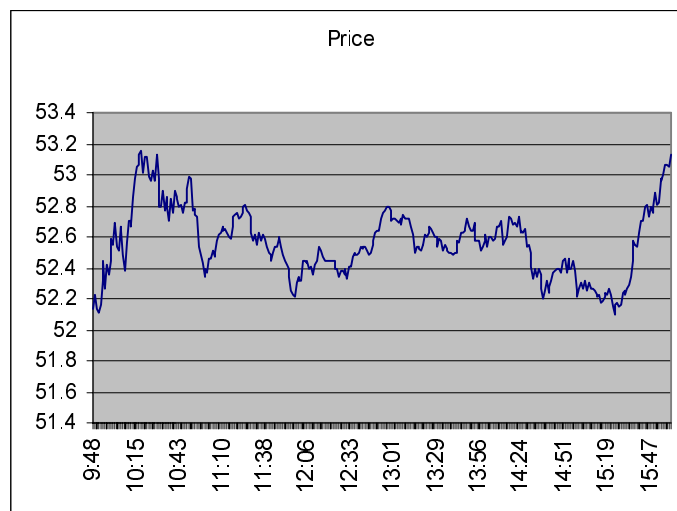


**Homework 4**  
(Return date: 5.2.2003)

**Stock Market Data Analysis**

The purpose of this exercise is to test the distribution of prices of Microsoft stocks in New York Stock Exchange (NYSE).

- a) Download the data set containing prices of Microsoft company (stock market symbol MSFT). Compute the average and standard deviation. Construct the frequency table and plot frequency diagram. Use 68-95-99.7 rule to test normality of distribution.
- b) Do the same analysis as in a) for logarithm of prices. Compare results to those obtained in part a).



Hint: to calculate logarithm of a number in the cell F2 type =log(F2).

The data set is available at:

<http://www.iam.fmph.uniba.sk/institute/sevcovic/studium/cityu/>