

## **Exercise 1 – Multimedia on the Net**

### **Task 1: Simple C program**

Write a simple C program `print_date.c` that does the following:

1. print out the current date
2. in a color specified on the command line

e.g. :

```
$ print_date green  
Current date and time are: Tue Oct 24 11:10:17 2006
```

The colors to be available are: red, green, and blue. If no color is given on the command line, the standard color of the terminal shall be used. The source code shall compile using `gcc -o print_date print_date.c*` and run on the computers in the CIP-Pool.

#### **Hints:**

- search for example code doing command line parsing
- for printing the date, you may look at the source code for the „date“ command or find out how to use the `time`, `localtime` and `asctime` functions provided by `time.h`
- for coloring your output look at ANSI escape sequences.

Send an e-mail with „MMN – Exercise 1“ as subject, your immatriculation number in the e-mail body, and the file `print_date.c` as an attachment to [raphael.wimmer@medien.ifl.lmu.de](mailto:raphael.wimmer@medien.ifl.lmu.de)

**Deadline: Sunday, 29. October 2006, 24:00.**

\*)The name of the C file was incorrectly spelled 'date\_time.c' in a prior version. Of course both names will be accepted...