Exercises 7

1. ASCII coding:

Below you find a part of an 8-bit ASCII code table from a web page. What character string is encoded by the bit string given in binary representation as

　　　0100'0011'0100'1000'0100'1001'0100'0101'0100'0110　?

(The apostrophs are only used for better overview.)

Part of 8-bit ASCII code table:

decimal	hexadecimal	character
65	41	A
66	42	B
67	43	C
68	44	D
69	45	E
70	46	F
71	47	G
72	48	H
73	49	I
74	4A	J
75	4B	K
...	...	...

2. Databases, SQL:

(a) Change the query from the library example in the script so that in addition to the overdue book, the result also contains the name of the person who has borrowed the book.

(b) Write a query which determines all books which have to be given back in the next two weeks.
(Assume that from addition of a date and a number, a date results which lies the given number of days after the given date.)