

09. Other tasks

9.01. Write a program which by given two days of any year computes the number of days between them. Hint:

struct tm

Member	Type	Meaning	Range
tm_sec	int	seconds after the minute	0-60*
tm_min	int	minutes after the hour	0-59
tm_hour	int	hours since midnight	0-23
tm_mday	int	day of month	1-31
tm_mon	int	months since January	0-11
tm_year	int	years since 1900	
tm_wday	int	days since Sunday	0-6
tm_yday	int	days since January 1	0-365
tm_isdst	int	Daylight Saving Time flag	

Conversion (function)	Do
asctime	Convert tm structure to string
ctime	Convert time_t value to string

9.02. Write a program which prints all subsets of a set.

9.03. Display on the console the characters of those elements of a text, which indexes fulfil at least one of the conditions:

- a) are powers of 2;
- b) are perfect squares;
- c) are Fibonacci's numbers.