

# FORMAT DATE / TIME STRING

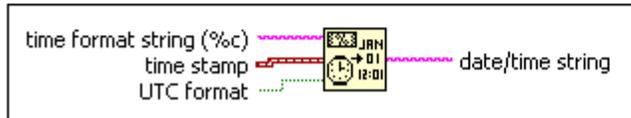
## Format Date/Time String Function

Owning Palette: [String Functions](#)

Requires: Base Development System

Displays a timestamp value or a numeric value as time in the format you specify using time format codes.

[Details](#)



### Format Codes for the Time Format String

The [Format Date/Time String](#) function calculates the date and time and formats the output string according to the following format codes.

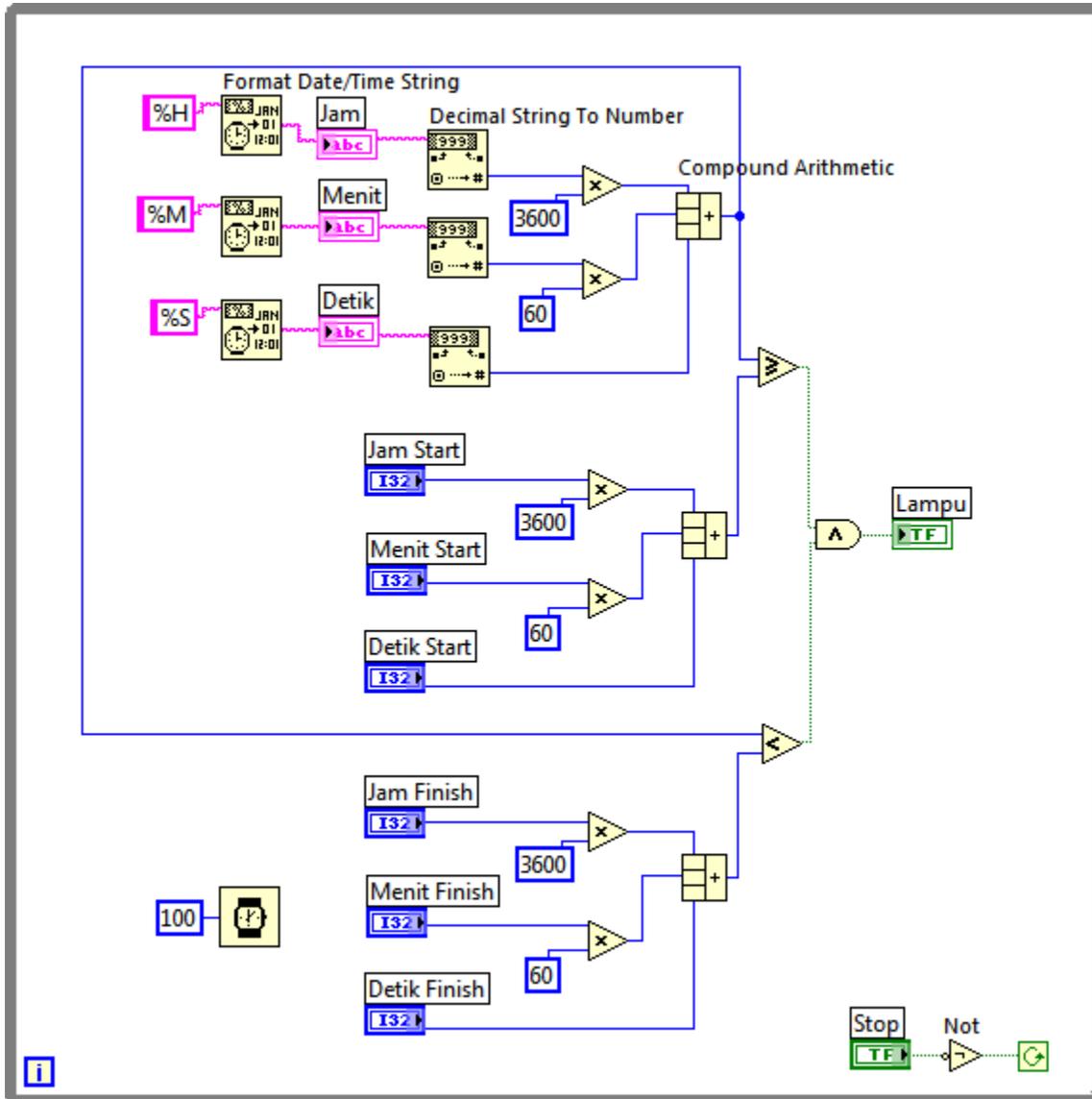
Format Code	Value
<%a>	abbreviated weekday name (for example Wed)
<%A>	full weekday name (for example Wednesday)
<%b>	abbreviated month name (for example Jun)
<%B>	full month name (for example June)
<%c>	locale-specific default date and time
<%d>	day of month (01-31)
<%H>	hour (24-hour clock) (00-23)
<%I>	hour (12-hour clock) (01-12)
<%j>	day number of the year (001-366)
<%m>	month number (01-12)
<%M>	minute (00-59)
<%p>	AM or PM flag
<%S>	second (00-59)
<%<digit>u>	fractional seconds with <digit> precision
<%U>	week number of the year (00-53), with the first Sunday as the first day of week one; 00 represents the first week
<%W>	weekday as a decimal number (0-6), with 0 representing Sunday
<%W>	week number of the year (00-53), with the first Monday as the first day of week one; 00 represents the first week
<%x>	locale-specific date
<% .1x>	long date format
<% .2x>	abbreviated long date format
<%X>	locale-specific time
<%y>	year within century (00-99); when you scan the numbers, numbers (00-68) represent years in the twenty-first century (2000-2068) and numbers (69-99) represent years in the twentieth century (1969-1999)
<%Y>	year, including the century (for example, 1997)
<%Z>	difference between locale time and universal time (HH:MM:SS)
<%Z>	time zone name or abbreviation, depending on the operating system locale settings

Membuat Aplikasi Pengendali Lampu Berdasarkan Waktu Menyala dan Waktu Padam.

Tampilan Front Panel

Aplikasi Format Date/Time			
Jam	Menit	Detik	Lampu 
<input type="text"/>	<input type="text"/>	<input type="text"/>	
Start	Jam Start	Menit Start	Detik Start
	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Finish	Jam Finish	Menit Finish	Detik Finish
	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
			Stop 

# Block Diagram Program



## TUGAS:

1. Pelajarilah contoh program diatas dan kembangkanlah program tersebut untuk membuat aplikasi alarm pergantian pelajaran disekolah, berdasarkan tanggal/hari dan waktu sesuai dengan jadwal di sekolah.
2. Dikumpulkan paling lambat minggu depan. Dengan format file NIM\_Nama\_Tugas7 ke halaman kuliah online sesuai dengan kelas yang ada.