Overview

This application note explains how to create a variable that contains a number corresponding to the shift. The value of the variable will be set to 01 for first shift, 02 for second shift and 03 for third shift.
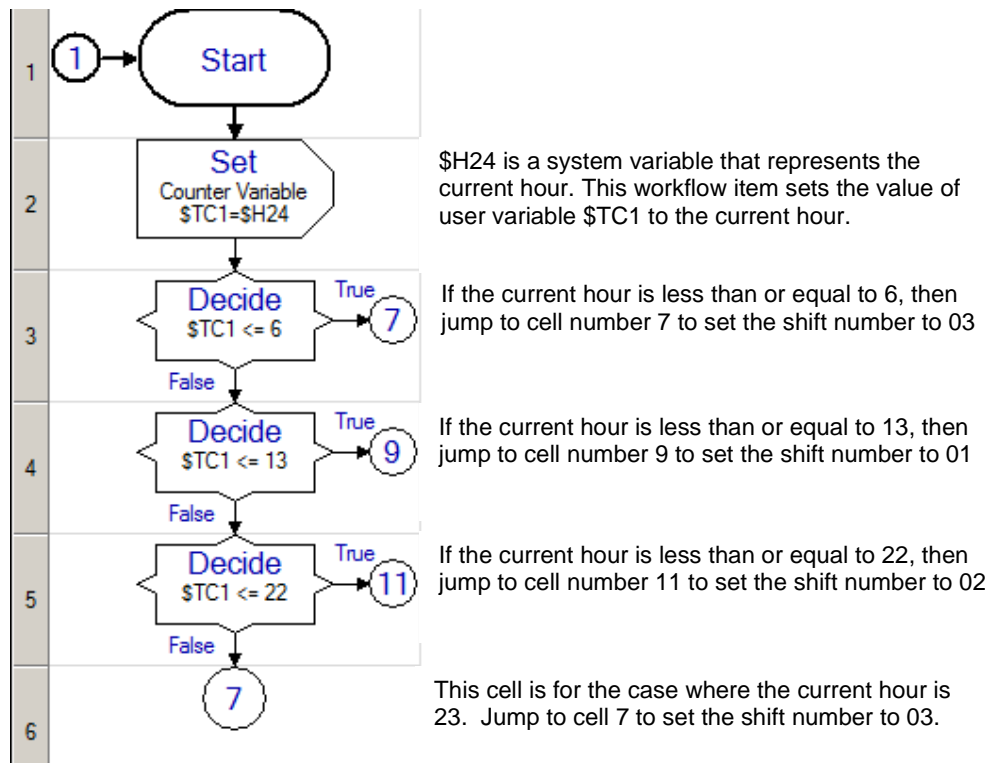
For this example, the shift start times are:

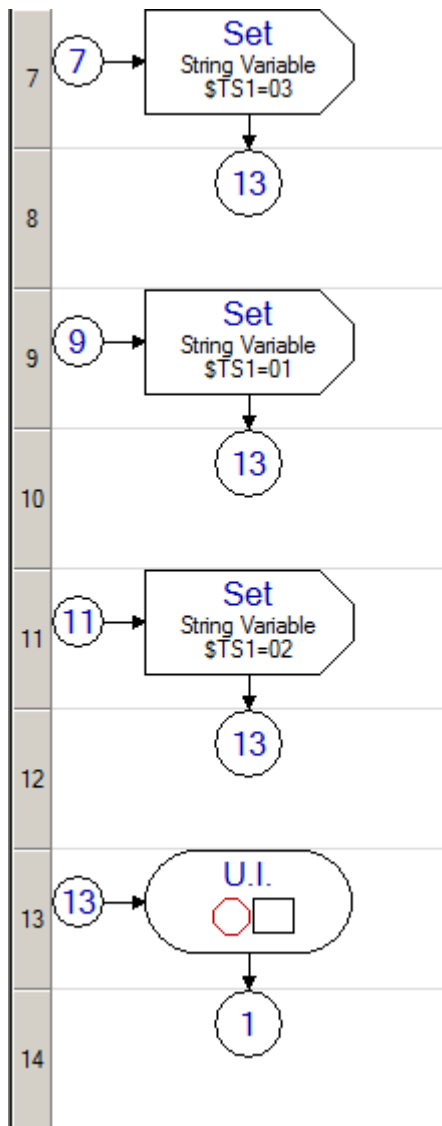| SHIFT	START TIME
1	07:00
2	14:00
3	23:00

Shifts do not overlap

This example will use $TS1 as the string variable containing the shift number.

Workflow

The following is the workflow for this example.

$H24 is a system variable that represents the current hour. This workflow item sets the value of user variable $TC1 to the current hour.

If the current hour is less than or equal to 6, then jump to cell number 7 to set the shift number to 03

If the current hour is less than or equal to 13, then jump to cell number 9 to set the shift number to 01

If the current hour is less than or equal to 22, then jump to cell number 11 to set the shift number to 02

This cell is for the case where the current hour is 23. Jump to cell 7 to set the shift number to 03.

7	Set String Variable $TS1=03	Sets the shift variable $TS1 to 03
8	13	Jump to cell 13
9	Set String Variable $TS1=01	Sets the shift variable $TS1 to 01
10	13	Jump to cell 13
11	Set String Variable $TS1=02	Sets the shift variable $TS1 to 02
12	13	Jump to cell 13
13	U.I.	Displays the value of $TS1 and the current time. Press Green Button to continue
14	1	

User Interface Properties

Audio
- NONE -
☐ Repeat for Duration
🔊 Listen

Visual

VALUE: $TS1

$TIM

◉ Until Next Display Message
◯ For Duration   ☐ Flash Message

NX View Document Link

Duration
◯ None
◯ Timed: 0.1   Seconds
◉ Until User Input: Green Button ▼