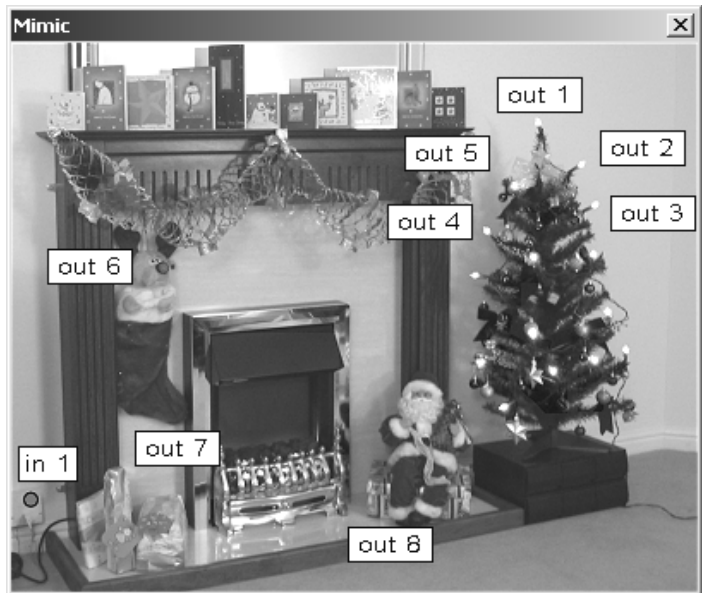


Have a Happy Christmas with Santa

Open the 'Santa' mimic and small monitor window to find out what the mimic can do. [Flowol will work best if it is set for 'No Interface'].

You should find that you can control five groups of lights, Rudolf's nose, the fire and Santa's movement.



Activity 1 Using the switch [input 1] draw a flowchart to turn the electric fire on and off.

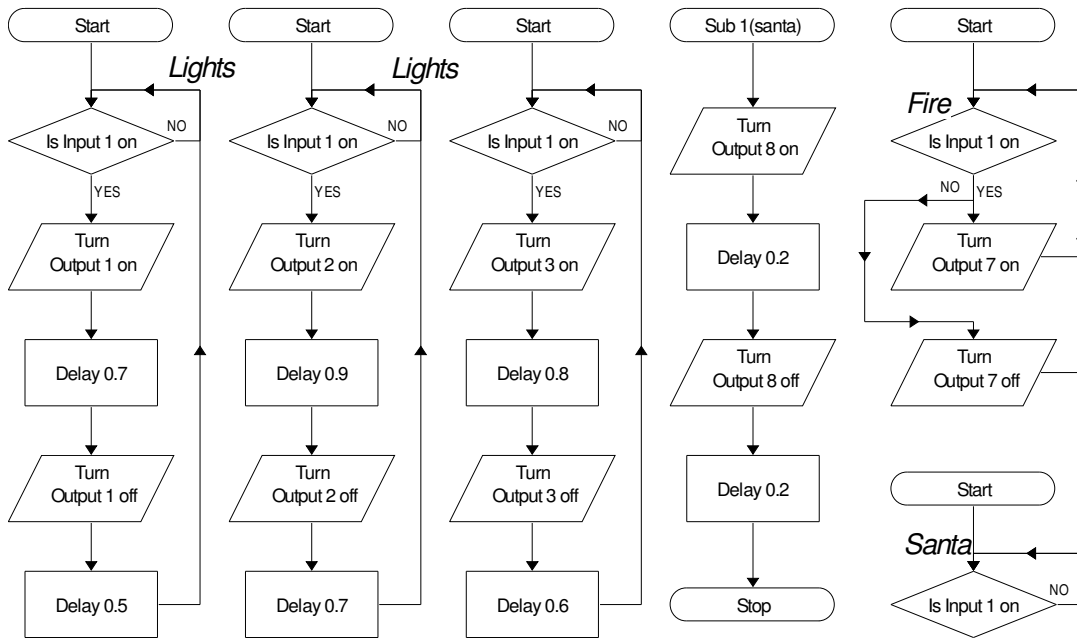
Activity 2 Construct another routine to make Rudolf's nose flash when input 1 is on.

Activity 3 The Christmas tree lights could be controlled in several ways. You might want them all to come on together when input 1 is on. You might have them all flashing together or they could 'twinkle' if you have different groups coming on and off at different times. Create your own program to control the lights.

Activity 4 Santa's movement can be controlled with output 8. Write a subroutine to move Santa once and then create a main routine to make him dance.

Activity 5 If you can use sound with your Flowol, you might record a Christmas greeting and have Santa sing it to you.

Possible Solutions to the Flowol Santa Mimic



Happy Christmas. from Keep I.T. Easy

