```
 1     entity testArquitetura is
 2
 3     end entity;
 4
 5     architecture behavior of testArquitetura is
 6
 7         component arquitetura is
 8             port(
 9
10                 temp: in bit_vector(7 downto 0);
11                 en: in bit;
12                 inibicao: in bit;
13
14                 outssState, outssTransition: out bit_vector(6 downto 0);
15                 outssTemp0,outssTemp1,outssTemp2: out bit_vector(6 downto 0)
16
17             );
18         end component;
19
20         signal temp: bit_vector(7 downto 0);
21         signal en: bit;
22         signal inibicao: bit;
23         signal outssState, outssTransition: bit_vector(6 downto 0);
24         signal outssTemp0,outssTemp1,outssTemp2: bit_vector(6 downto 0);
25
26     begin
27
28         arq: arquitetura port map(temp,en,inibicao,outssState,outssTransition,outssTemp0,outssTemp1,outssTemp2);
29
30         process
31         begin
32
33             temp <= "00000000"; en <= '1'; inibicao <= '0'; wait for 50 ns;
34             temp <= "00000010"; en <= '1'; inibicao <= '0'; wait for 50 ns;
35             temp <= "00000100"; en <= '1'; inibicao <= '0'; wait for 50 ns;
36             temp <= "00001000"; en <= '1'; inibicao <= '0'; wait for 50 ns;
37             temp <= "00010000"; en <= '1'; inibicao <= '0'; wait for 50 ns;
38             --temp <= "00100000"; en <= '1'; inibicao <= '0'; wait for 50 ns;
39             --temp <= "01000000"; en <= '1'; inibicao <= '0'; wait for 50 ns;
40             --temp <= "10000000"; en <= '1'; inibicao <= '0'; wait for 50 ns;
41
42         end process;
43
44     end architecture;
45
46
```

Note: Modifying your display preferences for the text editor in Sonata will correspondingly modify the look and
feel of the generated HTML file. Also, to properly print background colors, you may have to enable a setting
in your browser (especially IE users).