1   8051 Assembly Code

Here is an 8051 assembly code segment included in a LaTeX document:

```
1  Forever:
2      LCALL Get_and_Transmit_Temp
3      LCALL Display_LCDFinal
4      jnb SOAK_LESS_THAN_REFLOW_FLAG, Continue_forever
5      lcall Display_Error
6  Continue_forever:
7      LCALL StateChanges
8
9      LCALL TX_StateNumber
10
11     clr State_TX_Flag
12
13     jb BMode, No_Mode_Change
14     jnb Second_Flag, No_Mode_Change
15     cpl Mode
```