SWITCH PRESS

If

RESET=0

Else if

Else If

DEC= 0

Buzzer = 1

TRUE

FALSE

ADC Value **>=**set value

Compare the value from ADC with set\_value

Store the value in set\_value & Change the display back to normal mode

SET = 1

Display the value on 7 Segment

INC = 0

Change the 7 Segment to settings mode

Display Temperature on 7 Segment

SET Switch=0

Conversion of Analog value into Digital

MCU Initialization

LM35Analog value

ADC0804 Initialization