

; NAME: LUNGADE KIRAN SANJAY
; ROLL NO.: 39
; BATCH: S2
; TITLE: INTERFACING OF ADC WITH 8051

ALE EQU P3.4
OE EQU P3.7
START EQU P3.5
EOC EQU P3.6
SEL_A EQU P3.1
SEL_B EQU P3.2
SEL_C EQU P3.3
ADC_DATA EQU P1

ORG 0H
MOV ADC_DATA, #0FFH
SETB EOC
CLR ALE
CLR OE
CLR START

MAIN LOOP:

SETB SEL_A
CLR SEL_B
CLR SEL_C
SET ALE
SETB START
CLR ALE
CLR START
JB EOC, \$
JNB EOC, \$

END

