



Ahsanullah University of Science & Technology

Department of Computer Science & Engineering

Sessional Final Examination

Course No : CSE3108

Course Title : Microprocessors Sessional

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Section : B

DSEG SEGMENT 'DATA'

DSEG ENDS

SSEG SEGMENT 'STACK'

DW 100h DUP(?)

SSEG ENDS

CSEG SEGMENT 'CODE'

START PROC FAR

PUSH DS

MOV AX, 0

PUSH AX

MOV AX, DSEG

MOV DS, AX

MOV ES, AX

; DOT MATRIX :

MOV DX, 2004H ; For S

MOV AL, 02H

OUT DX, AL

MOV DX, 2003H

MOV AL, 01H

OUT DX, AL

MOV DX, 2002H

MOV AL, 01H

OUT DX, AL

MOV DX, 2001H

MOV AL, 01H

OUT DX, AL

MOV DX, 2000H

MOV AL, 02H

OUT DX, AL

MOV DX, 2000H

MOV AL, 06H

OUT DX, AL

MOV DX, 2001H

MOV AL, 09H

OUT DX, AL

MOV DX, 2002H

MOV AL, 09H

OUT DX, AL

MOV DX, 2003H

MOV AL, 09H

OUT DX, AL

MOV DX, 2004H

MOV AL, 012H

OUT DX, AL

MOV DX, 2004H

MOV AL, 032H

OUT DX, AL

MOV DX, 2003H

MOV AL, 049H

OUT DX, AL

MOV DX, 2002H

MOV AL, 049H

OUT DX, AL

MOV DX, 2001H

MOV AL, 099H

OUT DX, AL

MOV DX, 2000H

MOV AL, 026H

OUT DX, AL

MOV DX, 2008H ; For 4

MOV AL, 01H

OUT DX, AL

MOV DX, 2007H

MOV AL, 02H

OUT DX, AL

MOV DX, 2006H

MOV AL, 04H

OUT DX, AL

MOV DX, 2005H

MOV AL, 08H

OUT DX, AL

MOV DX, 2006H

MOV AL, 0CH

OUT DX, AL

MOV DX, 2007H

MOV AL, 0AH

OUT DX, AL

MOV DX, 2008H

MOV AL, 09H

OUT DX, AL

MOV DX, 2009H

MOV AL, 08H

OUT DX, AL

MOV DX, 2008H

MOV AL, 0BH

OUT DX, AL

MOV DX, 2008H

MOV AL, 01FH

OUT DX, AL

MOV DX, 2008H

MOV AL, 03FH

OUT DX, AL

MOV DX, 2008H

MOV AL, 07FH

OUT DX, AL

RET

START ENDP

CSEG ENDS

END START