COAL BS DS Fall 2022 Morning Quiz 7

Time allowed: 15 min Total marks: [2.5x4=10]

Roll Number:	Name:
.MODEL SMALL	.MODEL SMALL
.STACK 300H	.STACK 300H
.DATA	.DATA
STR1 DB 'DSF22\$COAL'	STR1 DB 'PROGRAMMING'
STR2 DB 11 DUP('\$')	STR2 DB 11 DUP('\$')
.CODE	.CODE
MAIN PROC	MAIN PROC
MOV AX,@DATA	MOV AX,@DATA
MOV DS,AX	MOV DS,AX
MOV ES,AX	MOV ES,AX
LEA SI, STR1+9	,
LEA DI, STR2	LEA SI, STR1
MOV CX, 4	LEA DÍ, STR2
STD	MOV CX, 11
AGA:	CLD
MOVSB	AA:
ADD DI,2	LODSB
LOOP AGA	CMP AL, 'R'
CLD	JE BB
MOV CX, 6	DEC SI
LEA SI, STR1	MOVSB
REP MOVSB	BB:
MOV DX,OFFSET STR2	LOOP AA
MOV AH,9	MOV DX, OFFSET STR2
INT 21H	MOV AH,9
MOV AH,4CH	INT 21H
INT 21H	MOV AH,4CH
MAIN ENDP	INT 21H
END MAIN	MAIN ENDP
Q1: What will the output of the above code	END MAIN
Q1. What will the output of the above code	Q1: What will the output of the above code
I A O CDCE22	Q1. What will the output of the above code
LAOCDSF22	POGAMMING
	POGAWIWIING
Q2: What is the value of SI and DI after the	O2. What is the value of CI and DI after the
execution of the above code if the starting address of	Q2: What is the value of SI and DI after the
STR1 is 0100.	execution of the above code if the starting address
	of STR1 is 0100.
SI = 0106	
	SI =010B
DI =0114	
	DI = 0114