DATA STRUCTURES	day / date:
ASSIGNMENT #3	5 1 7 1 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1
ASSIANMENT # 3	Ja Zili mkan
Question no. 1	March Street
Part a: 1. (A*(B/C-D)^E)+(E/F/(G+H))	7. 1/2 x 3 2 - 12 MA
RPN => (A* (BC   - D)^ E) + (E F (CH+))	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(A* (QC D-) =) + (EF) (QH+))	MARKET STATE
(A* (BC O-E^) + (EF (CH+1)	137 137 - 10 221
(ABC/D-E^*) + (EF(CH+1)	
ABC/D-EntEF aH+ +	4 . 4 . 1 . 1 . 1 . 1 . 1 . 1
PN=> (A* (1BC-0)^E)+(E/F/(+CH))	1 16 1-17/74
(A* (-/BCO)^E) + ( EF/+GH)	21 1 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
( A+ M-(BCDE)) + (11 EF+CH)	1 4 4 4 4
((*A^- / BCDE) + (HEF+CH))	
+ * A ~ -   BCDE +    EF + CH	1 1 1 2 2 2 2 2 2 2 2
Part 0: 2. A+B & (((L+0:1.E)*F)(a)	in and Aria
RPN => A+B& (((C+++++ DE:1) *F) (a)	7.1.4.3 1.54
A+BJ(((CDE-1+)*F) (G)	3
A+B& ((( CDE 1.+ F*)/G)	1
A+B & (CDE-1, + F+ Q)	
AB & CDE 1/ + F * G/	
PN=> A+B & (((C+1.DE) * F) (Q)	
A+B&(((+C).DE)*F)(a)	
A+B&((*+ C./. DEF)/C)	Control (1)
A+B& (   * + (·), DEFG)	3,1 1
+ AB & (1*+ C·1. DFFG)	****
StAB   * + C-1, DFFG	
	A Lander
	KAC

Eman Funda 211-1726 BSBS-E

	ABCD.V.E+F+		K 7 112	
	1.D) E+ F # a   #			
	· 1 D+E) F*G (*			
	C-1. O+E)*F) G1		(61 - 31 - 1 - 1 - 1 - 1 - 1	7
))) OA	C.1. D+E)*E)10	x)*+		
(A*B)	) (((C·1. D+E) * F	=) (a) +	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
( X* B.	) + ((((.1.D+E).	*F)(a)	12.00	
	+ A + + B C / D	E *FG		
GF&ED	1/ CB++A+	P P P	117 a A	3 - 3 1
	0-1 CB+ +A+	Maria Maria		
(a*F)(E	~0)1(c*B)+A	· (100 111)	7 - 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
((a*F))	(END) ((C+B)+1	4) +	1 1 1 1 1 1 1 1 1	
(( C+F)	1(E^D)) + ((C+0	3)+4)	- Ay	-
(A+(B*	c))+ ((D,E) (	F*a))		
		. = 40		61
Part c: A	+B*C ^ D ^ E	op Stack	Statement	
	Output String	OB SINCE	append	
Α	Α Α	+	brazz	
<del></del>	AB	+	append	
B	AB	+*	Dray.	
	ABC	+*	append	1 1 1
^	ABC	+ + 1	bmr	
D	ABCO	+41	append	ė.
<u> </u>	ABCD	+ 400	push	5.
E	MBLOT	+ * ^ ^	append	A y -
1.	ABCDE	+ 2 1 1.	brar	1
F	ABCDEF	+ 4 ~ ~ 1.	append	
*	ABCNEF	+ # V V · I' F	brop	
G	ABCATEG	+ * nn -/. *	•	
A SECURITION OF THE PROPERTY O	The state of the s		l., b	
	BLABAEY.FA			KAG
un like 4, P	he if-statement can	ises changes.	1	Mww.

day / do	ıte:
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Port d: A+	B + C ~ (((O ~ E)-	1. F) * G)	
	Output Strong		Stehenent
A	Α		append
+	Α.	+	brop
B	AB+	+	obtang & bob
*	AB+ & AB+	*	push
	A/S+C	*	append & pap
	AB+C+	٨	pus
1	AB+C*	^(	puir
	AB+ CK	^((	push
- (	AB+CE	1)) ^	bust
	AB+ L*D	1))^	append
<u> </u>	AB+C+D	^(((^	push
E	AB+ C+DE	^((( ^	append
1	AB+C+DE^	1(0	bob
	AB+C+DEA	^((1.	busy
	AB+ C+ DE^F	^((.1.	append
	AB+CEDENFY.	^(	Pop
<u></u>	AB+C+DENFY,	1( t	pus
	AB+C+DE^F/C	^(*	append
<u> </u>	AB+C+DENTY, CK		Pub.
	AB+ C+DE^FILG+		append
			\ ·
: AB+	C* NE^ F.1. G* A	anter change	7.
On line 1	f, the If-statement C	0	

