•	الشعبة				<u>Qui</u> ران	التس	-							ىىم:	N١	
•	======	=====		••	====											
nstructions: Times are provided an													ver al	l pro	blem	s in t
	Moore's Law, t urrent leading sistors anticipa	CPU cl	hip c	onta	ins 5	60 bil	lion	trans	sistor	-					•	•
			• pro			-p	8							<	(2.5)	nark
in the same cy	stage pipelined arding mechani cle. Utilize the iven instruction	sm ava nulti-cy	ilable ycle nce.	e is t pipel	hrou ine d	gh th liagra	e Re im pi	giste covid	r File ed be	e, wł elow	to ill	esult lustra	ts wr ate ho	itten ow th <	can i is pro	be re ocess <i>mark</i>
1	<b>T .</b>	1	2	12				7	8	9	10	11	12	13	14	15
	Instruction	1		3	4	5	6	,								
add x	1,x2,x3	1 F	D	E	Μ	W	-									
add x sub x	1,x2,x3 4,x1,x5			E D	M D	W D	E	M								
add x sub x add x	1,x2,x3		D	E	Μ	W			W D F	E	M	W M	W			

<Good Luck>