Date ____

	Unsigned char R3 = 0 x B6;
	Signed char R4 = 0 x 9 x!
	R3: 101101101 (182)
	R4: 170011010,
	01100110 \$25 complement (-102)
47	
8	R3 = R3 R4
4	· 40 1011 0110
	1001 1010
	10111110 (190)
f	R4 = R4 << 2.
	4) tool 1010 = 0110 1000 (104)
*	R3 = R3 - R4
	up 1011 1110
R	01101000
	01010110 (86)
- 1	Check Odd or even
	IF LSB = 1 [Odd]
	IF LSB = O [even]
	R3 = 0101 0110
	00000001 8
	0000000 - even number.
	December.
-	

. Check if H Flag is Set [0010 000] 10 0101 0110 0010 0000 & ((R3&0x20) == 0x20 0000 0000 Not set (clear) Check if S Flag is clear [0001 0000] 4, 0101 0110 0001 0000 & ((R3&0x10) == 0x0), 00017 000 Set. Check IF V Flag is Set. [0000 1000] 40101 0110 0000 1000 & ((R3&0x8) == 0x8) 1 0000 0000 Not set (clear) Check if N Flag is Clear [0000 0100] 40101 0110 0000 0100 A ((R3&0x4) == 0x0), 0000 0100 A ((R3&0x4) == 0x0), 0000 0100 Set Check if Z Flag is Set [0000 0010] 40101 0110 0000 0210 R ((R3&0x2) == 0x2), 0000 0010 Set Check if C Flag is Set [0000 0001] 40101 0110 0000 0001 & ((R3&0x1) == 0x1), 0000 0000 Not set (clear)		
4. 0101 0110 0001 0000 & ((R3 & 0x10) == 0x0), 0001 0000 & Set. " Check IF V Flag is Set. [0000 1000] 4 0101 0110 0000 1000 & ((R3 & 0x8) == 0x8)! 0000 0100 & ((R3 & 0x4) == 0x0); 0000 0100 & ((R3 & 0x2) == 0x2)! 0000 0210 & ((R3 & 0x2) == 0x2)!	• • • • • • • • • • • • • • • • • • •	0010 0000 & ((R380x20) == 0x20)
(R3 & 0x8) == 0x8) \\ \[\begin{align*} \text{O000 1000 & ((R3 & 0x8) == 0x8)} \\ \text{O000 0000 Wot set (clear)} \\ \text{Check if N Flag is Clear [0000 0100]} \\ \text{C0101 0100} \\ \text{O000 0100 A ((R3 & 0x4) == 0x0)} \\ \text{O000 0100 Set} \\ \text{Check if } & Flag is Set [0000 0010] \\ \text{O000 0010 } & ((R3 & 0x2) == 0+2) \\ \text{O000 0010 Set} \\ \text{Check if C Flag is Set [0000 0001]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [0000 0000]} \\ \text{Check if C Flag is Set [00000 0000]} \\ \text{Check if C Flag is Set [00000 0000]} \\ Check i	0	00010000 & ((R380X10) == 0X0), $00010000 & Set.$
- Check if C Flag is Set [0000 000]	σ	401010110 0000 1000 & ((R360x8) == 0+8)!
- 0101010 00000000 2 ((R3 & 0x2) == 0+2)1 000000100 Set Check if C Flag is Set [0000 0001] 401010110	ρ	000000000000000000000000000000000000
40(0101D.	0	6000000000000000000000000000000000000
		401010110

	No
	Date
	Set T Flag (Ly 2 to)
	Set I Flag (bit 7 to1) and clear the Tflag (6 to 0) 4 0101 0110 I to 1 1000 0000 (bit wise or)
	1000 DOMO 1 (LITHURE DR)
	11010110 T to 0
_	101010 T to 0 1011 1111 & (bit wise AND)
	10010110 (150)
	R3 = ((R3 0x80) & 0xBF) /
	# Proven
1	
+	
+	
+	
+	
-	
_	
	,