9	Jun ho Lim
0	Digital Logic H/W CA +096
	chapter 6
	1, 2 ¹² × 64
	Range of signed integer value = -2048 to 2047
	64 bits needed to address every loction
•	
9	Z. a) 4bits
4	b) 4bits
	() 8bits
-	d) 8bits
	3. 2 ³² 32bits
9 ^	9. 2 320175
++999999999999999999999999999999999999	4. control code Action
7	Inc Amux Mar Mst Ir Acc f(src) > dst
9	1 0 1 0 0 0 PC-+ MAR; inc(PC)
9	0 - 0 0 1 0 Mem(MAR -> IR
	0 1 1 0 0 0 IR! MAR
-	0 - 0 0 0 1 Mem(MAR -> ACC
9	S. control Action
9	Inc Amux Mar Mst Ir Acc f(src) -> dst
-	1 0 1 0 0 0 PC > MAR; inc(PC)
9	0 - 0 0 1 0 Mem(MAR -> IR 0 - 1 1 0 0 0 IR -> MAR
3	0 - 0 1 0 0 ACC → Mem [MAR]
	THE MEMENTAR
-	