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CISC 211
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6.4:

a) $15 \times 4 = 0x3C$
b) 0x3C through 0x3F
c)

	Big-Endian				Word Address	Little-Endian			
Byte Address	3C	3D	3E	3F	0x3C	3F	3E	3D	3C
Data Value	FF	22	33	44		FF	22	33	44
	MSB			LSB		MSB			LSB
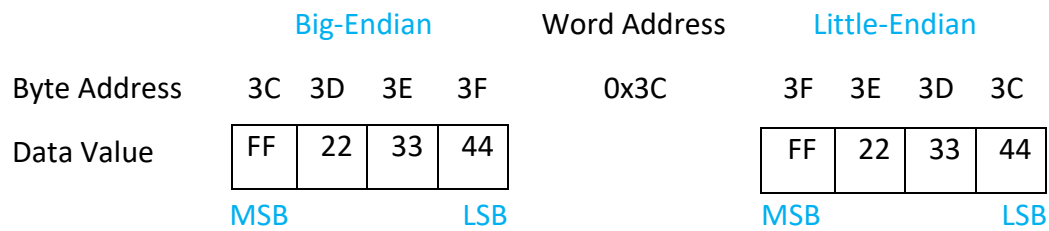
6.6:

a) $0x53\ 4F\ 53$
b) $0x43\ 6F\ 6F\ 6C$
c) $0x62\ 6F\ 6F\ 21$

6.8: (Big-Endian)

	(a) SOS				(b) Cool				(c) boo!			
Word Address	Data				Data				Data			
⋮	⋮				⋮				⋮			
1000100C	53	4F	53	00	43	6F	6F	6C	62	6F	6F	21
⋮	⋮				⋮				⋮			
	Byte 3			Byte 0	Byte 3			Byte 0	Byte 3			Byte 0
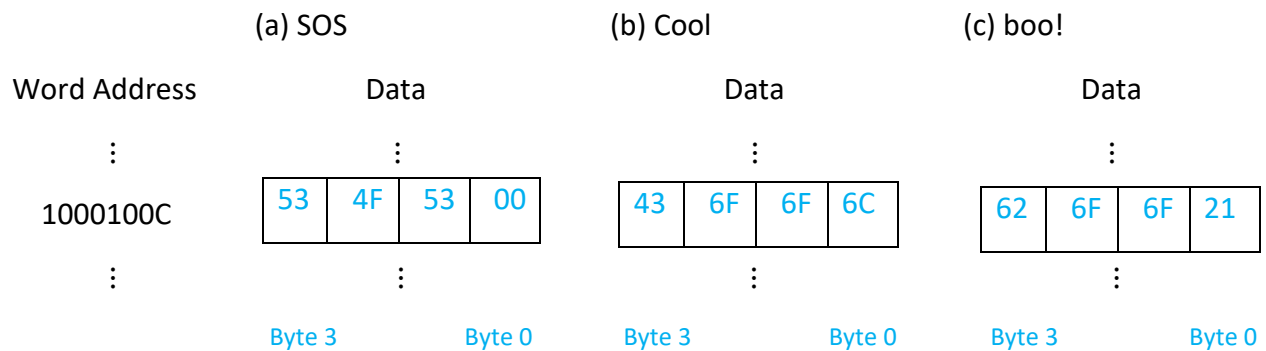
6.10:

a) MOV R10, #63488 $= 0xE3A0AB3E$
b) LSL R9, R6, #7 $= 0xE1A09386$
c) STR R4, [R11, R8] $= 0x78B4008$
d) ASR R6, R7, R3 $= 0xE1A06357$