1. Variable Declaration

foobar=1

What is memory: Foundation layer of computing, where all data is stored.

, ,	-foobar=1 in 32 bit representation			
0	1 660 6600	2	3	1 4
0000 00 0 Z	6	7	8	9 0000 0011
S 0000 0000	0000 0000	0000 0000	13	14
15	16	רו	18	19
20	<u>ا</u>	22	23 22	24
			pointer	

- 2. Stove data in a form of bits in money (8 bits = 1 byte)
- 3. One memory slot can hold 8 bits (8 bits = 8 byte)
- 4: In Java and C+f, an int is 32 bit [4 byte), so if we store an 11nt to memory we need 4 memory slots (32/8=4)
- 5 Fix width integers (the # of memory slots are always fixed to represent different #)
- 6. Accessing the memory is extremely fast.
- 7. To store a 32 bit int to memory, it has to have back to back memory slots.