Tools we know so	Can i.
Variables ~	storage box / post it nite
Assign ment ~	place 5th. in box/ write on the paper
Examples: int X; X = 87;	87
Today: Latat pes.	"Shape of your variables" Also in fluences their interpretation.
	main menory (big list of #5) Ox1 Ox2
menol) or	ldresses

datatype examples:

in $f \times i$, $-2^{-31} \le x < 2^{31}$ unsigned int x, $0 \le x < 2^{32}$ short x, $-2^{15} \le x < 2^{15}$ unsigned short x, $0 \le x < 2^{16}$ char c, $-2^7 \le c < 2^7$ float f, (ascs scientific notation... $c \cdot 2^{n}$