CMSC 195   FEB 2 1   WEDNESDAY

TYPES ──────→   KINDS OF INFORMATION

"numbers" ──→   7 ──────→ int
                  3.14
                  1/3
                  elevensies

WHAT IS AN (int)?   INTEGER

A WHOLE NUMBER   −38, 0, 142,683

−∞ ←─── ∞ ───→ +∞

|←── FINITE ──→|
min   max

                                    → type

                                    → name

(int) fillValue;   VARIABLE
                              DECLARATION

void setup() {

}

void draw() {

}

name of variable

type

```
int fillValue;

void setup() {
    fillValue = 0;
}

void draw() {
    background(fillValue);
}
```

VARIABLE
DECLARATION ①

fillVariable | int

fV | int | = 0

VARIABLE
ASSIGNMENT ②

USAGE OF
VARIABLE ③

fillValue

fV

fV | + 5

fillValue = fillValue + 5;