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NO OBJECTS
OF YOUR OWN

— Objects First



— Objects Later

Other languages allow you to
define your own type.

list the atomic components that
compose or make up type

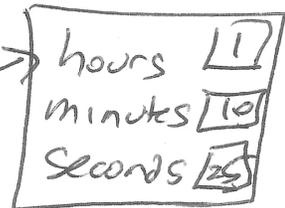
struct time_v1 {

```
int hours;  
int minutes;  
int seconds;
```

}

In C

f (time_v1* ptr) {



$\frac{f}{ptr}$

We must understand
How the type
stores data to
use functions
that manipulate it.

}

DATA ABSTRACTION

I should be able to USE a variable of a new type w/o understanding How it's stored.

Class is a blueprint for not only a new type, but also the behaviors specific to that type

Same as struct

1. Instance Variables (components of object)
2. Constructor(s) - these build the object
3. Instance Methods - carry out operations on the Object

Time_V1

add Time

~~so~~ difference

increase Time

decrease Time

} don't make obj

} do make obj

3 constructors

h, m, s

s

