WELCOME TO

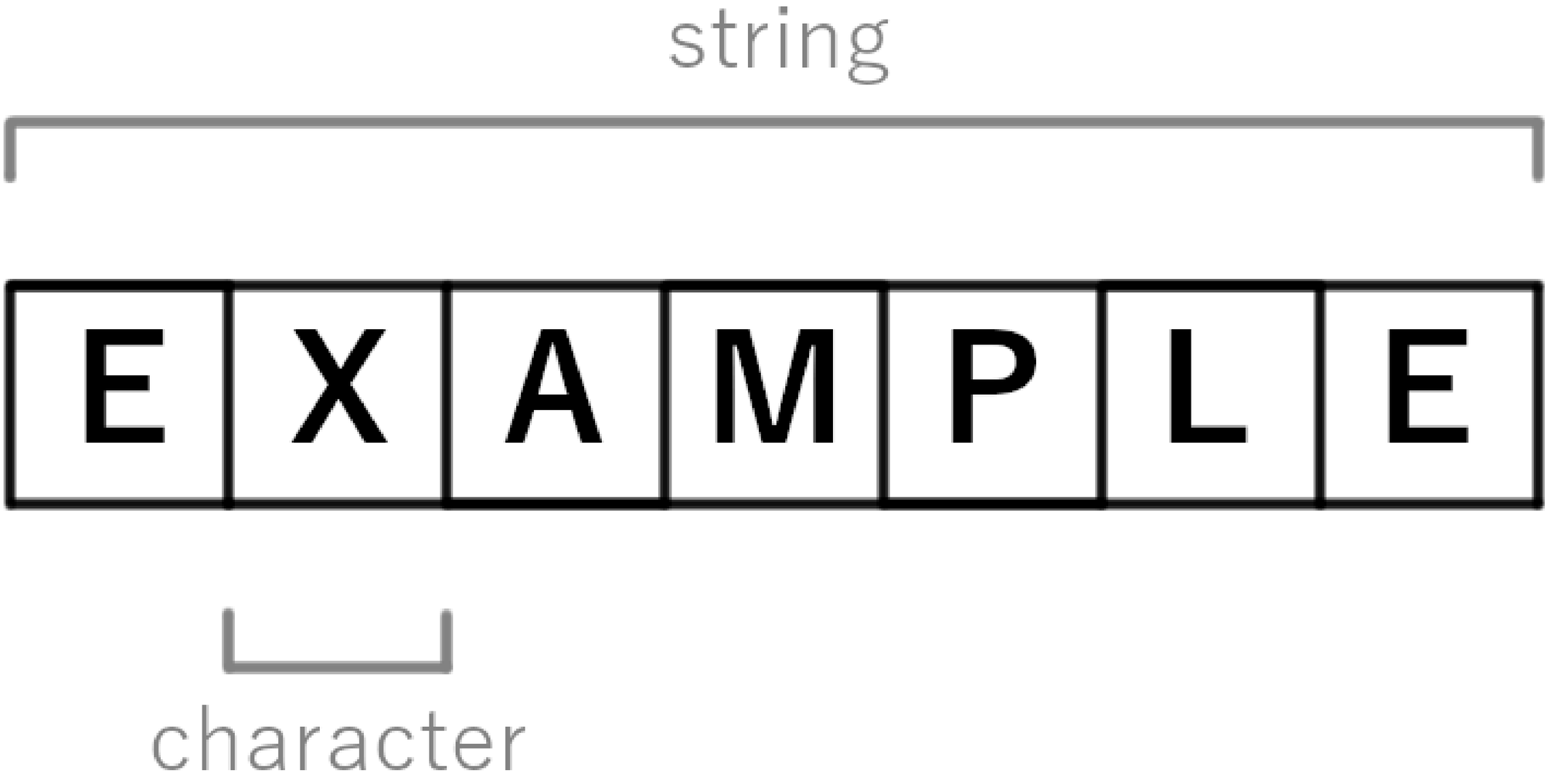
PYTHON CLASS

DAY 3

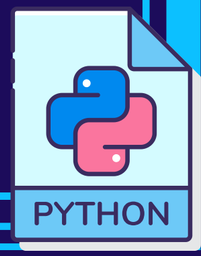
strings

“example”

represents a sequence of characters.


string
E X A M P L E
character

VARIABLES



variables are containers
to store values

containers

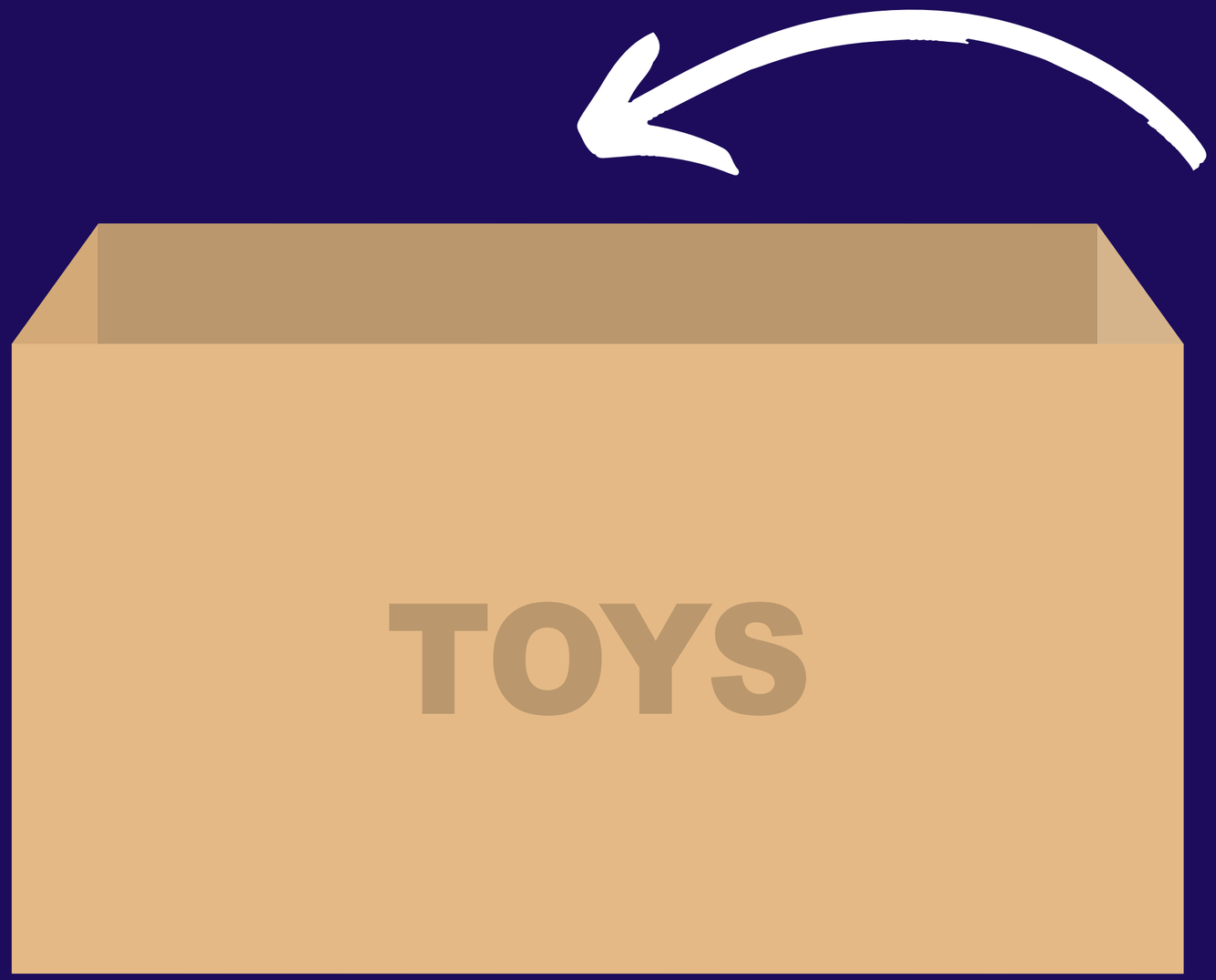
storing water

glass is a container
water is the value

TOY BOX

It's Story Time

variable



“value”

“value”

imagine you have a special box where you can put different toys. Let's call it a "Toy Box".

One day, you put a car in the Toy Box. Now, when you say "Toy Box", you mean the car.

But then, you take the car out and put a teddy bear in the Toy Box instead. Now, when you say "Toy Box", you mean the teddy!

So, the Toy Box is like a special name that can hold different things, like a car or a doll. And that's what variables are in programming! A special name that can hold different things.

toy box is a variable that holds different things, like car or a teddy which are values

Variables = “values”

toy_box = “car”

```
name = “Zac”
print(name)
```

```
Zac
```

```
fruit_basket = "Mango, Apple, Banana"
print(fruit_basket)
```

Mango, Apple, Banana

Python Variable Name Rules

- Must start with a letter or underscore _
- Must consist of letters and numbers and underscores
- Case Sensitive
- Good: spam eggs spam23 _speed
- Bad: 23spam #sign var.12
- Different: spam Spam SPAM