## Get ready:

On the whiteboard tables, please write the output of the following 3 statements.

```
> age = 15
  age = 30
  age = 71
  print age
> first name = 'Arnold Schwarzenegger'
  print (first name)
> message = "Think Different."
  print mesage
```

#### Review:

Yesterday, you used variables:

```
> phone_number = '5109227781'
print phone_number
```

And, you used the raw\_input () function:

> number = raw\_input ('Pick a number!')
Pick a number 173941913
print number

There are different **types** of values that variables can store.

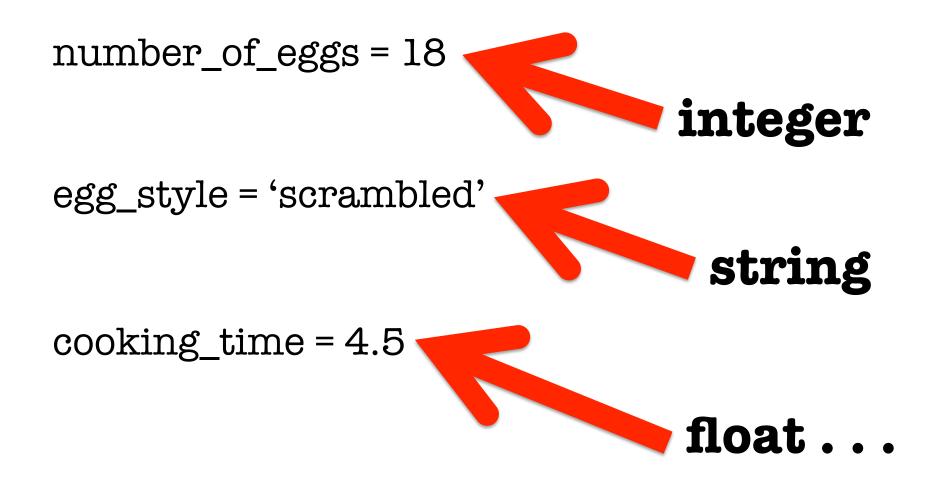
Remember,

Variables hold a value.

number\_of\_eggs = 18

egg\_style = 'scrambled'

cooking\_time = 4.5



## Are these strings, floats or integers?

- > name = 'Daniel'
- > SAT\_score = 1550
- > REALM\_address = '1222 University'
- > Social\_Security\_Number = '529381930'
- > GPA = 3.57
- > length\_of\_race = '97.5 miles'
- > #1\_basketball\_team = 'Sacramento Kings'



## Integers and Floats



Integers and Floats

```
> taco_price = 2
  drink_price = 1.50
  meal_cost = taco_price*2 + drink_price
  print meal_cost
```

```
> taco_price = 2
  drink_price = 1.50
  meal_cost = taco_price*2 + drink_price
  print meal_cost
```

## Integers and Floats



## Integers and Floats

```
> first_name = 'Ada'
last_name = 'Lovelace'
full_name = first_name + last_name
print full_name
```



```
> taco_price = 2
  drink_price = 1.50
  meal_cost = taco_price*2 + drink_price
  print "My lunch cost" + meal_cost + "."
```

```
> taco_price = 2
  drink_price = 1.50
  meal_cost = taco_price*2 + drink_price
  print "My lunch cost" + meal_cost + "."
```

TypeError: cannot concatenate 'str' and 'float' objects



## concatenate

Linking strings end to end

# Finally,

Please send me a .py file of your work from today.

I'm at cjenkins@realmcharterschool.org.

#### Your turn:

Please visit our website at <a href="https://www.REALM-CS.com">www.REALM-CS.com</a> to find the exercises for today.

Focus on exercises **4a** (String concatenation challenges). I've been really happy with our work, focus and questions for the past two days ©