

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 message
```

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
```

Today's lesson:

There are different
types of values that
variables can store.

Today's lesson:

Remember,

Variables hold a value.

Variables hold a value.

Variables hold a value.

Variables hold a value.

Variables hold a value.

Variables hold a value.

Today's lesson:

```
number_of_eggs = 18
```

```
egg_style = 'scrambled'
```

```
cooking_time = 4.5
```

Today's lesson:

`number_of_eggs = 18`



integer

`egg_style = 'scrambled'`



string

`cooking_time = 4.5`



float . . .

Today's lesson:

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'

Today's lesson:

Strings  **Strings**

Integers and Floats


Integers and Floats

Today's lesson:

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

Today's lesson:

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

Integers and Floats



Integers and Floats

Today's lesson:

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

Strings  **Strings**

Today's lesson:

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

Today's lesson:

```
> 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



Today's lesson:

concatenate

Linking strings end to end

Today's lesson:

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 www.REALM-CS.com 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 😊

Your turn!