Get ready:

> Calculate the remainder of 13/10 in Python.

> * * Write a program to ask a user how much a slice of pizza costs. Ask the user how many slices of pizza the user eats per week. Finally, print the amount of money the user spends on pizza per week.

Sample output: “You spend $60 per week on pizza!”

* * **Challenge!!** * *

Today's lesson:

<str> - <int> - <float>

We can multiply a string by an integer:

>"snailface" * 7

snailfacesnailfacesnailfacesnailfacesnailfacesnailf
acesnailfacesnailface

Today's lesson:

<str> - <int> - <float>

We get the same result by adding strings:

>"snailface" + "snailface" + "snailface" + "snailface" + "snailface" + "snailface" + "snailface"

snailfacesnailfacesnailfacesnailfacesnailfacesnailfacesnailface

Today's lesson:

<str> - <int> - <float>

We can't multiply a string by an float:

>"snailface" * 17.5

TypeError: can't multiply sequence by non-int of type 'float'

Today's lesson:

<str> - <int> - <float>

We can multiply an integer by an integer:

```
>5*3
15
```

Today's lesson:

<str> - <int> - <float>

We can multiply an integer by a float:

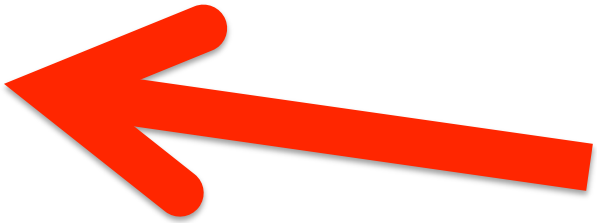
```
>82*33.5
15
```

Today's lesson:

<str> - <int> - <float>

When we use **raw_input( )**, the value of the variable is a string.

age = raw_input ('How old are you?')
> How old are you? 17
age = 17



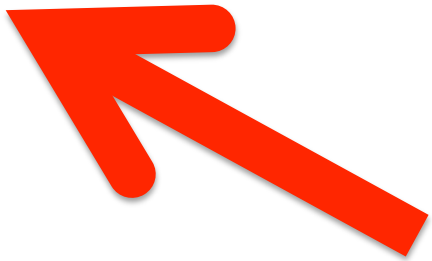
string!!

Today's lesson:

<str> - <int> - <float>

We can concatenate strings with strings, so this works:

age = raw_input**('How old are you?')**
print "You are " **+ age +** " years old."



All strings!

Today's lesson:

But what if we need to do math with our raw_input( ) variable?

```
# I am four times older than Manik. How old am I?
Manik = raw_input('Manik, how old are you?')
> Manik, how old are you?
Manik = 14
Jenkins = Manik*4
Jenkins = 14141414141414141414141414
```

Today's lesson:

But what if we need to do math with our raw_input() variable?

I am fo[illegible]nes olde[illegible] Manik. [illegible]d am I?

Manik = raw_input ("[illegible]ik, how [illegible]re you?")

> Mani[illegible] old ar[illegible]

Mani[illegible] = 14

Jen[illegible] = **M[illegible]**

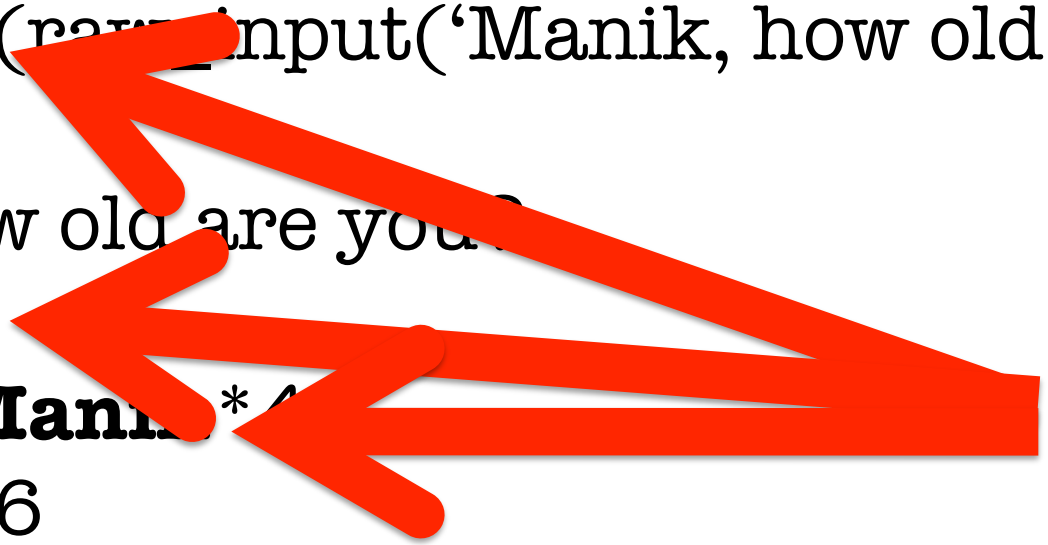
Jenkins = 14141414141414141414141414

XXX

Today's lesson:

But what if we need to do math with our raw_input( ) variable?

```
# I am four times older than Manik. How old am I?
Manik = int(raw_input('Manik, how old are you?'))
> Manik, how old are you?
Manik = 14
Jenkins = Manik * 4
Jenkins = 56
```



Your turn:

Focus on exercise 6!

6. Variables, string concatenation and calculator challenges, combined

Make your output and questions look as close to the examples as you can!

Hourly Wages

- Ask the user how much they make an hour, and how many hours they work per week.
- Print how much they will make in a week
- Print how much they will make in a month.

Sample output:

```
How much do you make an hour? 10
How many hours do you work a week? 6
You will make $60 a week.
You will make $240 a month.
```