

Concatenating string and numbers.

The following demonstrates that strings and numbers cannot be combined together like this. See error message.

```
<untitled> * x
1 #Lesson concatenating string and numbers
2
3 name = "John" #this is a string
4 quantity=4 #this is an integer
5
6 sentence=name + ' has ' + quantity + ' apples '
7 print(sentence)
8
```

```
Shell x
>>> %Run -c $EDITOR_CONTENT
Traceback (most recent call last):
  File "<stdin>", line 6, in <module>
TypeError: can't convert 'int' object to str implicitly
```

The number has to be converted to a string to be able to combine with strings. **str()** does the job.

```
<untitled> * x
1 #Lesson concatenating string and numbers
2
3 name = "John" #this is a string
4 quantity=4 #this is an integer
5
6 sentence=name + ' has ' + str(quantity) + ' apples '
7 print(sentence)
8
```

```
Shell x
>>> %Run -c $EDITOR_CONTENT
John has 4 apples
```