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WE PROVIDE SOLUTIONS TO EDUCATIONAL PROBLEMS

Lesson 16a: find

`string.find("this",start,stop)` - start and stop are optional – where “this” is the string you are looking for, start is what index you want it to start at and stop is what index you want it to stop at.

find will return -1 if the string you are looking for does not exist. Otherwise it will return the index of what you are looking for.

```
string="This is this"
```

`print(string.find("this"))` will print 8. Because “This” is not the same as “this”. 8 is the index of the start of “this”.

Lesson 16b: rfind

`string.rfind("this",start,stop)` - start and stop are optional – where “this” is the string you are looking for, start and end specify the range of indexes that you want to look in. Note: It will look at the end going backwards.

`rfind` will return -1 if the string you are looking for does not exist. Otherwise it will return the index of what you are looking for.

```
string="Hello Me, Hello My, Hello Bye"
```

`string.rfind("Hello")` will find the Hello right before Bye since it starts at the end.

Lesson 16c: strip

`string.strip()` will get rid of the blank characters at the front and end of a string.

```
string="  Hi  "
```

```
string.strip()
```

```
print("[ "+string+" "] = [Hi]
```

Lesson 16d:rstrip

`string.rstrip()` will get rid of the blank characters at the end of a string.

Lesson 16e: lstrip

`string.lstrip()` will get rid of the blank characters at the front of a string.

Homework for Lesson 16

Read the file "get-the-solution.txt"

- 1) Print the version found in each line as specified in the video.
- 2) Now Print the last version of each line using rfind.
- 3) Now Print the last version of each line ONLY using find repeatedly.