

Exercise: Write a 'grep' function

1. Accept this Github assignment: <https://classroom.github.com/a/wgni7xhE>
2. Create a file `grep.py` in this repository. Write this function

```
grep(string, filename)
    """Print each line in a file that contains the string.

    :param string: is the string to search for
    :param filename: name of a file
    """
```

3. Commit & push your code
- ```
git add grep.py
git commit -m "add grep utility"
git push
```

### Hints:

1. To open a file use:  
`file = open("filename", "r")` # or `open("filename")`
2. To check if a line (string) contains a substring anywhere in the string, use this:  

```
import re
if re.search(string, line):
 # the line contains the string
```

You can also use `string.index(substring)` but that will raise exception if the substring is not found.

**Try it:** for one of your Python files containing some code, do:

```
>>> grep("def", "somefile.py")
```

### Example:

```
>>> grep("def", "wallet.py")
def __init__(self):
def deposit(self, *items):
def balance(self, currency: str) -> Money:
def is_empty(self) -> bool:
def get_items(self):
def withdraw(self, amount: Money):
def withdraw_from(amount, items:):
```