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Week 2 Lesson 1

Pr 1

Create a python script *file* (example: Pr1_WK2.py), that when executed prints to screen.

Hello problem 1 from Week 2 Lesson 1.

Pr 2

Explain why you should ALWAYS have a .gitignore file in your repo.

Pr 3

Using `open` , create a new file that records user input (min 1, max 4 inputs) and then opens that files and APPENDS the following “Received User Input”

Pr 4

repeat # 3 with a `with`

Pr 5

Homework

- Create a new git repo in github.
- Populate it with typical files and directories (.gitignore and README.md)
- Commit your changes.
- Push it to your repository

Sidebar

Why have a github account?

- Industry and some government jobs check your github account to see if you really do not that software language.
 - It free and a nice place to store software you used and like.
 - You can help contribute to open data!
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Week2 Lesson 1 Solutions.

Pr 1

See Pr1_WK2.py

Pr 2

- So that compiled byte code is not kept in version control.
- Keep private files out of repo
- So that unimportant documentation or images are not kept in version control.

etc

Pr 3

```
def save_input(filename):  
    n = 2  
    f = open(filename, 'w')  
    for ii in range(n):  
        usr_input = input("Please input something here ")
```

```
        f.write(usr_input+ '\n')
    f.close() # Very important to close

def append_file(filename):
    f = open(filename, 'a')
    f.write("Received User Input"+ '\n')
    f.close()

if __name__ == '__main__':
    filename = 'getinput.txt'
    save_input(filename)
    append_file(filename)
```