

P-03

CSCI - P436 | *Brandon Young*

Source Code

```
# Imports
import sys
import fileinput
import argparse
import fileinput

# Global variables
version = "1.0.0"

# Methods
def parseInput():
    parser = argparse.ArgumentParser(add_help=False)
    parser.add_argument("-v", "--version", action="store_true", help="Display
current version info")
    parser.add_argument('-h', '-H', '--help', "-?", action='help',
default=argparse.SUPPRESS, help='Show this help message and exit.')
    parser.add_argument("-f", "--file", type=str, help="The file to output")
    args = parser.parse_args()
    return args

def evalInfo(argsData):
    if not sys.stdin.isatty():
        data = fileinput.input()
        printStdIn(data)
        data.close()

    if argsData.file != None:
        datafile = open(argsData.file)
        printFile(datafile)
    if argsData.version:
        print("shell.py version --> " + version)

def printFile(file):
    count = 0
    for line in file:
        if count > 1:
            sys.stdout.write(line[3:])
        count += 1

def printStdIn(stdIn):
    for line in stdIn:
        if stdIn.lineno() > 2:
            sys.stdout.write(line[3:])
```

Execution

Outputs

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```
cat ./docs/formatted_disk | python ./shell.py
```

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