

Workout Of (the) Day (WOD)

Write a Python program called `wod.py` that will create a Workout Of (the) Day (WOD) from a list of exercises provided in CSV format (default `wod.csv`). Accept a `-n|--num_exercises` argument (default 4) to determine the sample size from your exercise list. Also accept a `-e|--easy` flag to indicate that the reps should be cut in half. Finally accept a `-s|--seed` argument for `random.seed` for testing purposes.

Expected Behavior

```
$ ./wod.py -h
usage: wod.py [-h] [-f str] [-s int] [-n int] [-e]
```

Create Workout Of (the) Day (WOD)

optional arguments:

```
-h, --help            show this help message and exit
-f str, --file str    CSV input file of exercises (default: wod.csv)
-s int, --seed int    Random seed (default: None)
-n int, --num_exercises int
                        Number of exercises (default: 4)
-e, --easy            Make it easy (default: False)
```

```
$ ./wod.py
Exercise      Reps
-----
HSPU          5-20
Jumping Jacks 25-75
Squats        20-50
Pushups       25-75
```

```
$ ./wod.py -s 1
Exercise      Reps
-----
Pushups       25-75
Jumping Jacks 25-75
Situps        40-100
Pullups       10-30
```

```
$ ./wod.py -s 1 -e
Exercise      Reps
-----
Pushups       12-37
Jumping Jacks 12-37
Situps        20-50
Pullups       5-15
```

```
$ ./wod.py -f wod2.csv -n 5
Exercise           Reps
-----
Masochistic Elbowdowns  25-75
Squatting Chinups      20-50
Existential Earflaps    20-40
Flapping Leg Raises     10-30
Rock Squats             20-50
```

Test Suite

A passing test suite looks like the following:

```
$ make test
pytest -v test.py
===== test session starts =====
platform darwin -- Python 3.6.8, pytest-4.2.0, py-1.7.0, pluggy-0.8.1 -- /anaconda3/bin/python
cachedir: .pytest_cache
rootdir: /Users/kyclark/work/python/practical_python_for_data_science/ch08-python-parsing/ex
plugins: remotedata-0.3.1, openfiles-0.3.2, doctestplus-0.2.0, arraydiff-0.3
collected 5 items

test.py::test_usage PASSED [ 20%]
test.py::test_runs01 PASSED [ 40%]
test.py::test_runs02 PASSED [ 60%]
test.py::test_runs03 PASSED [ 80%]
test.py::test_runs04 PASSED [100%]

===== 5 passed in 0.50 seconds =====
```