Programmer Assessment

Cobbs Creek Healthcare, LLC

Requirement

The final submission should contain one `.py` or `.ipynb` file, non-coding question answers can be put into comment block. Please pack them into a `.zip` archive and send it back to us.

Q1

Please explain what this git command will do to your repo.

```
git reset --hard HEAD~2
```

Q2

Please rewrite the following file system permissions to octal notation and explain what other users can do if you have directory with this permission setting.

```
-rwxr-xr-x
```

Q3

```
[
    98.6, 92.46, 82.45, 97.07, 96.16, 93.1, 80.51, 97.19, 90.56, 67.88, 83.74, 93.15,
    70.27, 97.88, 93.38, 77.59, 76.85, 88.19, 70.91, 94.85, 93.1, 72.02, 65.1, 73.65,
    70.52, 84.1, 76.4, 65.37, 80.56, 69.96, 79.61, 73.24, 89.84, 75.41, 94.17, 77.59,
    73.08, 64.57, 65.72, 65.36, 90.52, 83.55, 76.29, 88.57, 93.46, 66.39, 75.8, 99.52,
    86.32, 69.51, 73.44, 76.22, 71.33, 62.05, 99.7, 80.02, 73.68, 93.14, 74.24, 80.7,
    96.47, 85.42, 87.3, 85.27, 81.07, 87.11, 83.59, 65.31, 78.74, 69.48, 62.7, 88.88,
    78.87, 89.39, 88.75, 77.29, 73.03, 76.64, 62.93, 98.89, 59.53, 94.54, 90.95, 79.49,
    88.84, 73.03, 58.19, 76.71, 87.32, 67.27, 97.54, 92.63, 91.25, 60.09, 99.31, 74.21,
    76.38, 87.48
]
```

Write a Python function with built-in libraries only (i.e. no import) to read the input data above and return the output as

Hint: `mean - 2* std_dev = 58.7328`

Q4

Check this repo https://github.com/Cobbs-Creek-Healthcare/Assessment-debugging