Pop quiz: steps for using %lprun

Below is the `convert_units()` function, which converts the heights and weights of our favorite superheroes from metric units to Imperial units.

```
def convert_units(heroes, heights, weights):

    new_hts = [ht * 0.39370  for ht in heights]
    new_wts = [wt * 2.20462  for wt in weights]

    hero_data = {}

    for i,hero in enumerate(heroes):
        hero_data[hero] = (new_hts[i], new_wts[i])

    return hero_data
```

Suppose you have a list of superheroes (named `heroes`) along with each hero's height (in centimeters) and weight (in kilograms) loaded as NumPy arrays (named `hts` and `wts` respectively).

What are the necessary steps you need to take in order to profile the `convert_units()` function acting on your superheroes data if you'd like to see line-by-line runtimes?

Answer the question **50XP**

Possible Answers

Select one answer

- Use `%load_ext line_profiler` to load the `line_profiler` within your IPython session. PRESS 1
- Use `%lprun -f convert_units convert_units(heroes, hts, wts)` to get line-by-line runtimes. PRESS 2
- Use `%timeit convert_units(heroes, hts, wts)` to gather runtimes. PRESS 3
- The first and second options from above are necessary. PRESS 4

Take Hint (-15 XP) **Submit Answer**