

Hi,

Suppose an individual is taxed 30% if earnings for a given week are  $\geq \$2,000$ . If earnings land  $< \$2,000$  for the week, the individual is taxed at a lower rate of 15%.

Write a function using Python to calculate both the pre-tax and post-tax earnings for a given individual, with the ability to feed in the hourly wage and the weekly hours as inputs.

For example, if an individual earns \$55/hour and works for 40 hours, the function should return:

- Pre-tax earnings were  $55 \times 40 = \$2,200$  for the week.
- Post-tax earnings were  $\$2,200 \times 0.7$  (since we fall in higher tax bracket here) = \$1,540 for the week