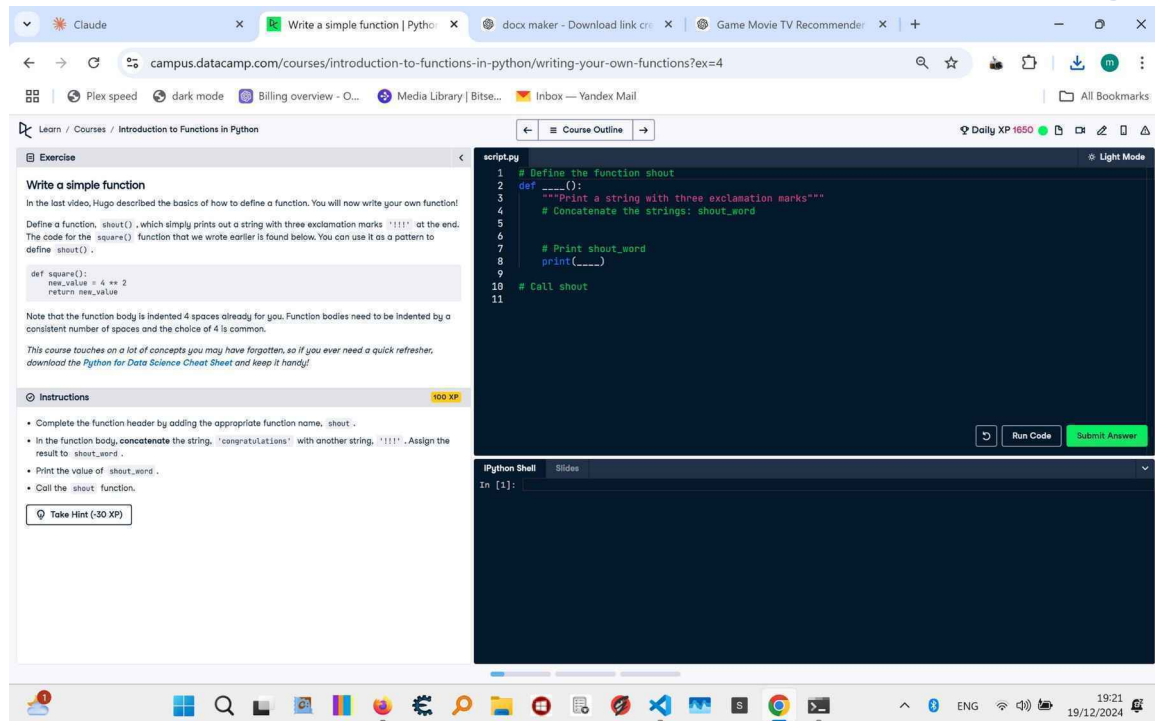


# Write a Simple Function Answer with Tuple Unpacking



## Question:

Given a tuple ``nums``, replace the first element of the tuple with 2 by unpacking the tuple and creating a new one. Use tuple unpacking to extract elements, modify the first element, and construct a new tuple named ``even_nums``. For example, if ``nums = (3, 4, 6)``, the resulting tuple should be ``even_nums = (2, 4, 6)``.

## Code Solution:

```
# Given tuple
```

```
nums = (3, 4, 6)
```

```
# Unpack nums into num1, num2, and num3
```

```
num1, num2, num3 = nums
```

```
# Create a new tuple with the first element replaced
```

```
even_nums = (2, num2, num3)
```

```
# Print the new tuple
```

```
print(even_nums)
```

### Code Explanation:

1. A tuple `nums` is defined with three elements `(3, 4, 6)`.
2. The elements of the tuple are unpacked into three variables `num1`, `num2`, and `num3`.
3. A new tuple `even_nums` is created by replacing the first element of the tuple (stored in `num1`) with the value `2`, while keeping the other elements (`num2` and `num3`) the same.
4. The new tuple `even_nums` is then printed, resulting in the output `(2, 4, 6)`.