LU05.L01 - Verwendung von *args in Funktionen

```python
def multiply_all(*args):
    """
    Multiplies all the given numbers together and returns the product.

    Parameters:
        *args (float or int): Variable number of arguments to be multiplied.

    Returns:
        float or int: The product of all the given numbers.
    """
    product = 1
    for num in args:
        product *= num
    return product
```