1. **Function Design Recipe**

   Following the Function Design Recipe, write a function that satisfies this description:

   This function returns a string containing a given word repeated a given number of times. For example, someone should be able to call the function to repeat `"Marcia "` three times and the function should return `"Marcia Marcia Marcia "`, or call the function to repeat `"Buffalo "` eight times and have it return `"Buffalo Buffalo Buffalo Buffalo Buffalo Buffalo Buffalo Buffalo "`.

   Examples

   Header

   Description

   Body

   Test

2. **Function Design Recipe: Type Contract and Description**

   Consider this code:

```
def number_of_cents(change:          ) ->            :
    """



    >>> number_of_cents(1.25)
    25
    >>> number_of_cents(20.00)
    0
    """

    dollars = change // 1              # alternate: dollars = int(change)
    cents = (change - dollars) * 100
    return round(cents)
```

   (a) Add the missing *Type Contract* (parameter and return types) to the function *Header*.

   (b) The description of this function is poor:

   ```
   The number of cents left when you take away all the dollars from an amount of money.
   ```

   In the space provided in the docstring, write a better function description.

3. **Function Design Recipe**

   Following the Function Design Recipe, write the following function.

Function name: (parameter types) → return type	Description
calculate_tax: (float, float) → float	The first parameter represents a bill and the second represents a tax rate (a number between 0.0 and 1.0 inclusive). Return the amount of tax to be paid on this bill.