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

Type Contract

Header

Description

Code the Body

Test
2. Function Design Recipe: Type Contract and Description

Consider this code:

```python
def number_of_cents(change):
    
    >>> number_of_cents(1.25)
    25
    >>> number_of_cents(20.00)
    0
    
    dollar_remainder = change % 1
    cents = dollar_remainder * 100
    return round(cents)
```

(a) Add the missing Type Contract.

(b) The description of this function is poor:
The number of pennies 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.

<table>
<thead>
<tr>
<th>Function name:</th>
<th>(parameter types) → return type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>calculate_tax:</td>
<td>(number, number) → number</td>
<td>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.</td>
</tr>
</tbody>
</table>