Tokenizer Utility – README

Overview
This project provides simple text processing utilities such as tokenization, word counting, and word frequency analysis using Python.

Module Description
tokenizer.py
Contains the TextTools class with the following methods:

• tokenize(text)
Splits the input text into a list of words based on spaces. Raises an error if input is not a string.

• word_count(text)
Returns the total number of words in the input text using the tokenize method.

• frequency_map(text)
Returns a dictionary showing how many times each word appears in the input text.

How to Run the Code
1. Ensure Python 3 is installed.
2. Save the file as tokenizer.py.
3. Run the file from the terminal:

python tokenizer.py

How to Run Tests
This project does not include automated tests. You can test the methods by modifying the sample text inside the file or calling the methods manually in a Python interpreter.

Sample Input / Output
Input text:
hello world hello

Tokenize Output:
['hello', 'world', 'hello']

Word Count Output:
3

Frequency Map Output:
{'hello': 2, 'world': 1}

Notes
• Input must be a string.
• Methods reuse tokenize for consistency.