Now that you have determined how to represent the data, add the type contract to the function header below. Next, plan your program. Start by listing the tasks as comments, then replace them with function calls and write the corresponding function headers and docstrings.

```python
def generate_random_story(training_file, context_length, num_words):
    
    Return a randomly generated story with num_words words based on a context
    of context_length words from the text in training_file.
    
    
```