Consider a message where the letters are scrambled, for example "ur ihsd a toysi". To unscramble the message develop a multithreaded script. Every thread applies

```python
def shuffle(self, s):
    
    """
    Breaks string s at a random spot and swaps second for first part.
    Returns the shuffled string.
    """
    b = random.randint(0, len(s))
    return s[b:len(s)] + s[0:b]
```

exactly \( n \) times, where \( n \) is given on input via the main program after the user enters the message. The message and \( n \) are the data attributes for each thread. The message is shared between the threads. Before each shuffle, the thread sleeps one time unit, prints out the current message, shuffles and prints out the shuffled message before storing it.

1. Write the Python code for `__init__` below:

2. Write the Python code for `run` below:

3. Write the Python code for `main()` on the back of this sheet.