

## Reverse Complement Problem

**Input:** A DNA string *Pattern*

**Output:**  $\overline{Pattern}$ , the reverse complement of *Pattern*

**SAMPLE DATASET:**

Input:

AAAACCCGGT

Output:

ACCGGTTTT

The sample dataset is not actually run on your code.

**TEST DATASET 1:**

Input:

ACACAC

Output:

GTGTGT

This test dataset performs two checks. First, it makes sure that you didn't forget to complement Pattern (i.e. you reversed Pattern, but not complemented), which would have an output of "CACACA". Then, it makes sure that you didn't forget to reverse Pattern (i.e. you complemented Pattern, but not reversed), which would have an output of "TGTGTG".