Problem 1

Source: Rosalind.info

**Problem**

In [DNA strings](http://rosalind.info/glossary/dna-string/), [symbols](http://rosalind.info/glossary/symbol/) 'A' and 'T' are complements of each other, as are 'C' and 'G'.

The [**reverse complement**](http://rosalind.info/glossary/reverse-complement/) of a [DNA string](http://rosalind.info/glossary/dna-string/) s is the string sc formed by reversing the symbols of s, then taking the complement of each symbol (e.g., the reverse complement of "GTCA" is "TGAC").

**Given:** A DNA string s of length at most 1000 [bp](http://rosalind.info/glossary/base-pair/).

**Return:** The reverse complement sc of s.

**Sample Dataset**

**AAAACCCGGT**

**Sample Output**

**ACCGGGTTTT**