

CS 110 – Creative Problem Solving  
in Computer Science  
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Homework 6

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This homework is about for-loops in Python.

## Exercises

1. Read Chapters 2 and 3 of Computing for Biologists by Libeskind-Hadas and Bush.
2. Write a Python function `double_strand(s1,s2)` that given two DNA strings `s1` and `s2` checks if they can form a double helix. In other words, check if `s1` is the complement of `s2`.

Test cases:

```
>>>double_strand('ATTCGTCA','TAAGCAGT')
True
>>>double_strand('TTCGTCA','CAGT')
False
>>>double_strand('TTCA','CAGT')
False
```