**Question 1: Finding a Substring**

**How do you find the first occurrence of the substring "Python" in the string "Learning Python with Python tutorials"?**

Hint: Use the method that searches for the substring and returns the lowest index where it begins.

**Question 2: Counting Substring Occurrences**

**How many times does the substring "is" appear in the string "This is an island"?**

Hint: There's a string method that returns the count of non-overlapping occurrences of a substring.

**Question 3: Checking String Start**

**Determine if the string "Python programming is fun." starts with "Python".**

Hint: Use the string method that checks if a string starts with a specified prefix.

**Question 4: Reversing Words Order**

**Reverse the order of words in the sentence "Hello World Python" to "Python World Hello" without reversing the words themselves.**

Hint: Split the string into words, reverse the list, then join it back into a string.

**Question 5: Modifying Letter Case**

**Convert "hello world" to "Hello World" using a string method to capitalize the first letter of each word.**

Hint: Look for a method that transforms the first character of each word to uppercase and the rest to lowercase.

**Question 6: Removing Leading Characters**

**Remove all leading zeros from the string "0001234" to get "1234".**

Hint: Use the method that trims characters (not just whitespace) from the beginning of the string.

**Question 7: Checking Digit Characters**

**Check if the string "12345" consists only of digit characters.**

Hint: There's a method to verify if all characters in the string are digits.

**Question 8: Swapping Letter Case**

**Swap the case of all letters in the string "Python 3.9" (uppercase to lowercase and vice versa).**

Hint: Find the string method that inverts the case of all letters in the string.

**Question 9: Joining with a Separator**

**Create a comma-separated string from the list ["apple", "banana", "cherry"].**

Hint: Use the string method that concatenates a collection of strings with a specified separator between elements.

**Question 10: Stripping Substring from Ends**

**Given a string "xxHello Worldxx", remove the 'xx' from both the beginning and the end of the string.**

Hint: Apply the method that returns a copy of the string with specified leading and trailing characters removed.