**5. What is normalize-space() in Xpath?**

normalize-space() in xpath is used to clean up and normalize whitespace within a text. It removes leading and trailing spaces and replaces multiple consecutive spaces with a single space.

This function is particularly useful for standardizing and cleaning up text content in Document Object Model that may have inconsistent formatting.

Ex: //a[normalize-space(text())=' Text with multiple spaces']

Output: Text with multiple spaces

Note: Difference between contains() and normalize-space()

contains() helps us identify if a certain substring exists within a given string, We would use contains() when we need to search for specific patterns or substrings within data, for instance, searching for elements based on partial attribute values like classes or IDs