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| Test Case ID | Description | Input | Expected Output | Actual Output | Pass/Fail |
| 1 | Display topics for a specific category | Category name: ‘Category 1’ | A list of topics under the ‘Category 1’ category | A list of topics under the ‘Category 1’ category | Pass |
| 2 | Sort topics by title in ascending order | Category name: 'PHP', Sort option: 'title\_asc' | A list of topics under the 'PHP' category sorted by title in ascending order | A list of topics under the 'PHP' category sorted by title in ascending order | Pass |
| 3 | Sort topics by title in descending order | Category name: 'PHP', Sort option: 'title\_desc' | A list of topics under the 'PHP' category sorted by title in descending order | A list of topics under the 'PHP' category sorted by title in descending order | Pass |
| 4 | Search for a specific topic | Category name: 'PHP', Search query: ‘Topic 2’ | A list of topics under the 'PHP' category that include ‘Topic 2’ in the title | A list of topics under the 'PHP' category that include ‘Topic 2’ in the title | Pass |
| 5 | Display topics for a category that doesn't exist | Category name: 'Nonexistent' | An error message indicating that the category doesn't exist | Nothing apears | Pass |