Test Cases for DIR Command (CMD)

# Testcase – 1: Display Directory Listing with Paging (/p)

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| Step | Action | Expected Result |
| 1 | Open Command Prompt | Command prompt window opens successfully. |
| 2 | Navigate to a folder: cd C:\Users\athesh.alagarsamy\HP\_Project\QA-Training | Successfully navigates to the folder. |
| 3 | Run the command: dir /p | Directory listing is displayed one screenful at a time with a prompt to continue. |
| 4 | Press any key to continue | Displays the next set of directory contents. |

Pass Condition: Directory contents are shown in pages with a prompt to continue after each screenful.

Fail Condition: Directory contents are shown all at once without pausing, or no prompt to continue is displayed.

# Testcase – 2: Display Directory Listing in Bare Format (/b)

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| Step | Action | Expected Result |
| 1 | Open Command Prompt | Command prompt window opens successfully. |
| 2 | Navigate to folder: cd C:\TestDir | Successfully navigates to C:\TestDir. |
| 3 | Run the command: dir /b | Displays only file and folder names. |
| 4 | Verify output | Output shows file1.txt, SubFolder, etc. without extra info. |

Pass Condition: Only names are shown — no metadata like size, date, or headings.

Fail Condition: If metadata, headers, or formatting is shown, or command fails.

# Testcase – 3: Display Hidden Files (/a:h)

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| Step | Action | Expected Result |
| 1 | Open Command Prompt | Command prompt opens successfully. |
| 2 | Navigate to folder: cd C:\TestDir | Navigates to C:\TestDir. |
| 3 | Create a hidden file: attrib +h file2.log | File is hidden. |
| 4 | Run: dir /a:h | Only hidden files/folders like file2.log are shown. |
| 5 | Confirm output contains file2.log | Confirms hidden files are listed. |

Pass Condition: Hidden files appear in output.

Fail Condition: Hidden files are not shown or command fails.

# Testcase – 4: List Files Recursively (/s)

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| Step | Action | Expected Result |
| 1 | Open Command Prompt | Command prompt opens successfully. |
| 2 | Navigate to folder: cd C:\TestDir | Navigates to C:\TestDir. |
| 3 | Run: dir /s | Lists all files/folders including subdirectories. |
| 4 | Check output for SubFolder\file.txt | Output includes contents of subfolders. |

Pass Condition: Subfolder contents appear in listing.

Fail Condition: Only top-level contents are shown.

# Testcase – 5: Sort Directory by Name (/o:n)

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| Step | Action | Expected Result |
| 1 | Open Command Prompt | Command prompt opens successfully. |
| 2 | Navigate to: cd C:\TestDir | Successfully navigates. |
| 3 | Run: dir /o:n | Files/folders are sorted alphabetically by name. |
| 4 | Verify sort order | Names appear in ascending alphabetical order (A to Z). |

Pass Condition: Sorted output by name is correct.

Fail Condition: Output is not sorted or incorrect order.