

# TEST SUITE

Test ID	Test Case Description	Input Command	Expected Behavior	Status
TC-01	Basic External Command	<code>ls</code>	List all files present in current working directory.	PASS
TC-02	Quoted Strings	<code>echo "pratik"</code>	It will consider part inside double quote.It prints pratik.	PASS
TC-03	Create Directory	<code>mkdir test_dir</code>	It will make a test_dir directory.	PASS
TC-04	Built-in: Change Directory	<code>cd test_dir</code>	It will change shell current working directory to test_dir directory.	PASS
TC-05	Verify Path (pwd)	<code>pwd</code>	Prints the full path ending in /test_dir.	PASS
TC-06	Output Redirection (>)	<code>echo "Hello" &gt; file.txt</code>	It will create file.txt file containing "Hello".No output to screen	PASS
TC-07	Input Redirection (<)	<code>wc -w &lt; file.txt</code>	Reads file.txt and prints the word count (1).	PASS
TC-08	Built-in: cd (Parent)	<code>cd ..</code>	Moves back to the parent directory.	PASS

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TC-09	Pipeline ( )	<code>ls   wc -l</code>	ls writes to the pipe, and wc reads from the pipe to count the total number of files.	PASS
TC-10	Logical AND (Success)	<code>echo A &amp;&amp; echo B</code>	Prints A and then B as the second command is executed after successful completion of first command.	PASS
TC-11	Logical AND (Failure)	<code>ls no_file &amp;&amp; echo B</code>	Prints an error for ls ("No such file"). Does <b>NOT</b> print B.	PASS
TC-12	Background Process (&)	<code>pwd &amp;</code>	Parent continues and pwd runs in background.	PASS
TC-13	History Command	<code>history</code>	Lists all the previous command .	PASS
TC-14	Environment Variable	<code>export MYVAR=test</code>	Variable MYVAR is set in the environment.	PASS
TC-15	Exit Shell	<code>exit</code>	It will close the shell.	PASS