Redirection of Pipes

1. Create a file name error_log in your current directory. Suppose you do not
have any file named aa11 in your current directory. How can you redirect the
error message to the file error_log when we apply the command "wc -l aa11" ?How
can you ensure that all the error log are appended to the error_log file?

ANS: The 2> redirection operator is used to redirect the standard error output
to the file specified. The 2>> is used to append any other additional error log
messages to the file instead of overwriting it.

$ touch error_log.txt
$ wc -l aa11 2> error_log.txt
$ wc -l aa12 2>> error_log.txt

2. Create files named test1, test2, testa, testb. How can you count the number
of files starting with test and then having only one digit in their name using
only a single line command ?

ANS: We can you use the pipe symbol for interprocess communication. Where we can
provide the output of a command as an input to another command.

$ ls -l | grep test | wc -l