You need to update your present shell program so that it would recognise pipes(|) and execute command statements having pipes in them. Your shell should also support multiple pipes.

For implementing pipes you will need to use pipe system call. do man 2 pipe to get more information about it.

For ex. 1. ls | wc -l gives the number of files/directories in current directory.

    2. ls | grep .c | wc -l gives the number of files/dirs having .c in their name

Sample diagram for second example is shown below.

Executes the ls command and output it to next pipe	→	Takes the output of ls as its input and greps for the pattern .c and output it to next pipe	→	Takes the output of grep as its input and counts the number of lines