

Test	Input	Expected Output	Screenshot
Starting server With normal arguments	./assign2 server	Server starts running and waits for client <b>Passed</b>	
Starting server with invalid arguments	./assign2 serv	Server doesn't start and user gets usage prompt <b>Passed</b>	
Starting high priority client with server running	./assign2 high [server pid]	Client starts <b>Passed</b>	
Starting normal priority client with server running	./assign2 normal [server qid]	Client starts <b>Passed</b>	
Starting low priority client with server running	./assign2 low [server qid]	Client starts <b>Passed</b>	
Invalid priority	./assign2 asdf [bad server qid]	Client doesn't start and user gets usage prompt <b>Passed</b>	
Starting client without server	./assign2 high [garbage qid]	Client starts but cannot send <b>Passed</b>	
Enter a valid file	./assign2 normal [server qid] and then [filename]	Server responds with file <b>Passed</b>	
Entering invalid file	./assign2 normal [server qid] && [bad filename]	Server responds with error message <b>Passed</b>	
Priority with multiple clients work	Starting 3 clients where low priority is started first, then normal then high	High finishes first, then normal, then low <b>Passed</b>	
Quitting the server half during sending does not crash	Start clients and then typing "quit" on server	The clients exit, no zombie processes, clean message queues	

clients and not zombies are left		Passed	<pre>benny@zaur[~/D/msg-queue-assign] (master)\$ ps -aux   grep assign2 benny      7605  0.0  0.0 12104 2240 pts/4    S+   20:45   0:00 grep --color=auto assign2</pre>
Quitting the client	Start client and then type “quit”	Client exits Passed	<pre>benny@zaur[~/D/msg-queue-assign] (develop)\$ ./assign2 normal 884736 client&gt; quit benny@zaur[~/D/msg-queue-assign] (develop)\$</pre>

## SS1

