

# Server Side:

```
● alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$ gcc -Wall -Werror -g -o wordle.out wordle-main.c wordle.c -pthread
● alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$ gcc -o wordle-client.out wordle-client.c
○ alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$ ./wordle.out 8190 91 wordle-words.txt 5757
MAIN: opened wordle-words.txt (5757 words)
MAIN: seeded pseudo-random number generator with 91
MAIN: Wordle server listening on port {8190}
MAIN: rcvd incoming connection request
THREAD 124649046275648: waiting for guess
```

## Client Side:

- o `alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$ ./wordle-client.out`  
CLIENT: connecting to server...  
stare  
CLIENT: Sending to server: stare  
CLIENT: response: st--e -- 5 guesses remaining  
□

# Server Side:

```
● alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$ gcc -o wordle-client.out wordle-client.c
○ alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$ ./wordle.out 8190 91 wordle-words.txt 5757
MAIN: opened wordle-words.txt (5757 words)
MAIN: seeded pseudo-random number generator with 91
MAIN: Wordle server listening on port {8190}
MAIN: rcvd incoming connection request
THREAD 124649046275648: waiting for guess
THREAD 124649046275648: rcvd guess: stare
THREAD 124649046275648: sending reply: st--e (5 guesses left)
THREAD 124649046275648: waiting for guess
□
```

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# Client Side:

- o `alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$ ./wordle-client.out`  
CLIENT: connecting to server...  
stare  
CLIENT: Sending to server: stare  
CLIENT: response: st--e -- 5 guesses remaining  
xytes  
CLIENT: Sending to server: xytes  
CLIENT: invalid guess -- try again -- 5 guesses remaining  
□

# Server Side:

```
MAIN: seeded pseudo-random number generator with 91
MAIN: Wordle server listening on port {8190}
MAIN: rcvd incoming connection request
THREAD 124649046275648: waiting for guess
THREAD 124649046275648: rcvd guess: stare
THREAD 124649046275648: sending reply: st--e (5 guesses left)
THREAD 124649046275648: waiting for guess
THREAD 124649046275648: rcvd guess: xytes
THREAD 124649046275648: invalid guess; sending reply: ????? (5 guesses left)
THREAD 124649046275648: waiting for guess
```



# Client Side:

```
CLIENT: connecting to server...
stare
CLIENT: Sending to server: stare
CLIENT: response: st--e -- 5 guesses remaining
xytes
CLIENT: Sending to server: xytes
CLIENT: invalid guess -- try again -- 5 guesses remaining
bytes
CLIENT: Sending to server: bytes
CLIENT: response: --teS -- 4 guesses remaining
□
```

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## Server Side:

```
THREAD 123681921562176: waiting for guess
THREAD 123681921562176: rcvd guess: stare
THREAD 123681921562176: sending reply: st--e (5 guesses left)
THREAD 123681921562176: waiting for guess
THREAD 123681921562176: rcvd guess: xytes
THREAD 123681921562176: invalid guess; sending reply: ????? (5 guesses left)
THREAD 123681921562176: waiting for guess
THREAD 123681921562176: rcvd guess: bytes
THREAD 123681921562176: sending reply: --teS (4 guesses left)
THREAD 123681921562176: waiting for guess
```



# Client Side:

```
CLIENT: response: st--e -- 5 guesses remaining
xytes
CLIENT: Sending to server: xytes
CLIENT: invalid guess -- try again -- 5 guesses remaining
bytes
CLIENT: Sending to server: bytes
CLIENT: response: --teS -- 4 guesses remaining
melts
CLIENT: Sending to server: melts
CLIENT: response: ME-TS -- 3 guesses remaining
□
```

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## Server Side:

```
THREAD 123681921562176: waiting for guess
THREAD 123681921562176: rcvd guess: xytes
THREAD 123681921562176: invalid guess; sending reply: ????? (5 guesses left)
THREAD 123681921562176: waiting for guess
THREAD 123681921562176: rcvd guess: bytes
THREAD 123681921562176: sending reply: --teS (4 guesses left)
THREAD 123681921562176: waiting for guess
THREAD 123681921562176: rcvd guess: melts
THREAD 123681921562176: sending reply: ME-TS (3 guesses left)
THREAD 123681921562176: waiting for guess
```



# Client Side:

```
CLIENT: Sending to server: bytes
CLIENT: response: --teS -- 4 guesses remaining
melts
CLIENT: Sending to server: melts
CLIENT: response: ME-TS -- 3 guesses remaining
meets
CLIENT: Sending to server: meets
CLIENT: response: MEETS -- 2 guesses remaining
CLIENT: you won!
CLIENT: disconnecting...
```

○ `alan@alan-Legion-Slim-5-14APH8:~/Desktop/opsys/hw3$` 