

My game is called "Word Guess" where each player is to choose a word and whoever guesses the other person's word first wins the game.

The client code takes in the word chosen by the player and the code makes it all one case, uppercase.

It then shoots that to the server and saves each person's word in a separate variable.

The server then switches the turns between players in order for them to both guess at each other's words.

The server then reads the guesses to see whether or not it matches the other players' words.

If it is, then the server shoots out that they are the winner/loser.

If not, then it prints to the other player what the guesses were.

```
Windows PowerShell
PS C:\Users\shaka\OneDrive\Documents\NETWORKS\PA2> java .\HangmanServer.java
Server started. Waiting for players...
Player 1 connected.
Player 2 connected.
PS C:\Users\shaka\OneDrive\Documents\NETWORKS\PA2> |

Windows PowerShell
PS C:\Users\shaka\OneDrive\Documents\NETWORKS\PA2> java .\HangmanClientents.java
Connected Successfully

Welcome to WordGuess! Waiting for another player to connect...
Enter a word for the other player to guess:
dog
Its your turn, Player 1!
dog
LOSER DOG
Error: Connection reset

Windows PowerShell
PS C:\Users\shaka\OneDrive\Documents\NETWORKS\PA2> java .\HangmanClientents.java
Connected Successfully

Welcome to WordGuess! Waiting for player 1 to enter a word...
Enter a word for the other player to guess:
cat
The other player guessed: DOG
Its your turn, Player 2!
dog
WINNER
Error: Connection reset

Windows PowerShell
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PS C:\Users\shaka\OneDrive\Documents\NETWORKS\PA2> java .\HangmanServer.java
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Windows PowerShell
PS C:\Users\shaka\OneDrive\Documents\NETWORKS\PA2> java .\HangmanClientents.java
Connected Successfully

Welcome to WordGuess! Waiting for another player to connect...
Enter a word for the other player to guess:
mouse
Its your turn, Player 1!
dog
The other player guessed: CAT
Its your turn, Player 1!
house
The other player guessed: SUPER
Its your turn, Player 1!
rat
WINNER
Error: Connection reset

Windows PowerShell
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PS C:\Users\shaka\OneDrive\Documents\NETWORKS\PA2> java .\HangmanClientents.java
Connected Successfully

Welcome to WordGuess! Waiting for player 1 to enter a word...
Enter a word for the other player to guess:
rat
The other player guessed: DOG
Its your turn, Player 2!
cat
The other player guessed: HOUSE
Its your turn, Player 2!
super
LOSER RAT
Error: Connection reset
```