



Poker Hands Take Home Assessment:

Problem Statement:

In the next 24 hours, please write a console application in C++ that compares two 5-card poker hands. The console application shall:

- Takes in text file with one hand per line (See example text file below).
- Ranks two different Poker hands according to standard poker hand rank (https://en.wikipedia.org/wiki/List_of_poker_hands)
- Output the winner to the console
- Example Text File (Please make any changes, or create your own)

A screenshot of a Notepad window titled '*Untitled - Notepad'. The window has a menu bar with 'File', 'Edit', 'Format', 'View', and 'Help'. The text area contains two lines of text: '5H 2D KH QH AC' and '8S 9C 10D QD JH'. The status bar at the bottom shows 'Ln 2, Col', '100%', 'Windows (CRLF)', and 'UTF-8'.

```
*Untitled - Notepad
File Edit Format View Help
5H 2D KH QH AC
8S 9C 10D QD JH
Ln 2, Col 100% Windows (CRLF) UTF-8
```

Additional Guidelines:

- Providing unit tests is highly desired.
- Your code submission should be written with a reasonable balance of readability, maintainability and designing for scale.
- Consider using design patterns that demonstrate your level of experience.
- Any questions you have, make an assumption and document in the code.

Keep unit tests, patterns, abstraction, and extensibility in mind. Use any freely available supporting libraries you like. Clearly identify any code that you did not write yourself. Please provide instructions to compile and run your code and tests (including how to obtain any required dependencies or IDEs).