

Final Project Proposal
Texas Hold'em – In Java

Rules of Texas Hold'em:

- Start of the game:
 - 2 blinds (facedown cards) per person at the start of the game
 - 1 face-up card per person
 - 1 face-up center card
 - Options to: bet \$ OR “burn” out
 - **Repeat for 3 rounds**
- There will be 5 cards per person with 3 cards in the center after 3 rounds
- Goal: to try to make the best 5-card hand (center cards are shared between players)
- Compare hands to decide the winner

Plan for Coding:

// the actual game (makes/compares hand?)

Woo
int numPlayers, int cardCtr, int burnCtr
main()

//2 players, user and the program

* Initializes funds + allows user to make a bet/“burn”

* hole cards: face down cards (2)

Player
private Card[] hole int bet, boolean burn, int funds, private String[] hand, public String[] visHand
getCard(), setBet()

Card
String[] suits, String[] value
cardVal, cardSuit, getVal, getSuit

//52 cards, compares them w suits using modulo

Deck

private Card[] cards
Deck(), printDeck(), shuffle(), sortDeck()

Evaluate
private Card[] cards
devalHand(), evalStraightFlush(), evalBomb(), evalFullHouse(), evalFlush(), evalStraight(), evalTriple(), evalButterfly(), evalDouble()