

Poker Game Rules

Introduction:

Welcome to the Poker Game! In this game, you will play against a bot in a one-to-one game. The goal is to make the bot lose all its money. If you lose all your money, then you are the one to lose. Both of you will have the same amount of money to start.

Game Setup

When the game begins, you can set the wallets, small blind and big blind parameters:

- **Wallet:** Each player should start with a specific high wallet amount, which should be always more than the Big Blind.
 - **Big and small blinds:** When setting up the big and the small blinds make the big blind higher than the small blind so that the game can be played.
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Betting and Blinds

- **Small Blind:** You are always the Small Blind in each round and must place a bet to call the Big Blind amount before the hand begins. This amount is automatically deducted from your wallet.
 - **Big Blind:** The bot is the Big Blind and places a bet equal to the Big Blind amount before the hand begins. The Big Blind is always greater than the Small Blind.
 - **Calling the Big Blind:** At the start of every round, you must call the Big Blind to continue in the game. If you wish to stay in the hand, you simply match the Big Blind amount, otherwise you have to fold.
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Betting stages

Poker is played in multiple betting stages. Here's how it works:

1. **Pre-Flop:**
 - The small blinds and the big blind are automatically being placed
 - After the blinds are placed, you and the bot receive your two cards.
2. **Flop:**
 - The dealer places three community cards face-up on the table.
 - You and the bot have the options to check, raise, or call.

3. Turn:
 - A fourth community card is dealt.
 - You and the bot can check, raise, or call.
4. River:
 - A fifth and final community card is dealt.
 - A final round of betting takes place.
5. Showdown:
 - After all betting rounds are completed, the player with the best five-card hand wins the pot.

You are always betting first in the round. Although if the bot raises and you want to call, you first must call and then play.

Raising

You are free to raise at any time during the betting rounds. When you raise:

- The raised amount is added to your original bet, so there are no restrictions on how much you can bet. Feel free to strategize based on the situation.
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Poker Hand Rankings

The winner of each hand is determined by the poker hand rankings (from highest to lowest):

1. Royal Flush: A, K, Q, J, 10, all having the same suit.
2. Straight Flush: Five consecutive cards of the same suit.
3. Four of a Kind: Four cards of the same rank.
4. Full House: Three of a kind and a pair.
5. Flush: Five cards of the same suit, but not in sequence.
6. Straight: Five consecutive cards of different suits.
7. Three of a Kind: Three cards of the same rank.
8. Two Pair: Two sets of cards with the same rank.
9. One Pair: Two cards of the same rank.
10. High Card: The highest card when combination is there.

How to Win

To win a round, you can either:

- Have the best hand after the final round of betting.
- Force the bot to fold by making higher bets than it is willing to call.

Additional Notes

- No Raise Restrictions: You are free to raise any amount at any point in the game. There are no restrictions on how much you can bet.
- Poker Etiquette: Always respect the betting rounds and make your moves carefully. Be strategic with your raises to gain an advantage over the bot.

Good Luck and Enjoy the Game!
