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Go fish pseudo-code

At the start of the game, each player is dealt 5 cards; the remaining cards are placed in a stack in the center.

The player to the left of the dealer then starts by asking another player if they have a certain rank of card;

If they do;

That player is required to hand over all the cards of that rank that they have;

If they don’t;

The player responds with “go fish” and the asker has to draw a card from the center;

A player gains points by having 2 or more cards of the same rank (rank being 2-10, king, queen, joker and ace);

If a player has 2 or more cards of the same rank;

They take all cards that apply from their deck and lay them together in front of them (which are called a book) which count as one point;

If they don’t;

The game continues as normal;

The game is won when a player has 13 books in total;

First Round:

If the player has more than one of one rank of card;

Player places all cards that apply down in front of them;

If else;

Player asks another player if they have any cards of a certain rank;

If the other player does have the card the player asked for;

Other player gives the card to the player and the player puts all matching cards down as a book;

If else;

Other player responds with “go fish” and the player draws a card from the center stack;

If drawn card matches one of the player’s cards;

Player puts all matching cards down as a book;

After all actions are completed, the game continues as normal;

Second round:

Player asks another player if they have a card of a certain rank;

If they do;

That player gives all cards that apply to the player and the player sets all matching cards down as a book;

If else;

That player responds with “go fish” and the player draws from the center stack of cards;

If drawn card matches one of the player’s cards;

The player sets all matching cards as a book;

If else;

The game continues as normal;

Third round:

The player asks another player if they have a card of a certain rank;

If they do;

The other player gives all matching cards to the player and the player sets all matching cards down as a book;

If else;

The other player responds with “go fish” and the player must draw a card from the center stack;

If drawn card matches one of the player’s cards;

The player sets down the matching cards as a book;

If else;

The game continues as normal;

And the list goes on until someone gets 13 books and wins the game.