Create, a card game. There are 54 cards (6 colors, and values from 1 to 9). At the beginning of the game each player receives 11 cards. There can be 2 to 5 players. AT the beginning tone player plays one card of its choice. Then it is up to the next player which has two choices: to play or not to play (to skip its turn). He can only put the same number of cards that are on the desk or one more (for example if there are two cards he can put 2 or 3 cards).

He can only put either x cards of the same color or x cards of the same value. The last condition is when ranked in descending order, the number formed by the digits of its cards is strictly higher (> not >=) than the number of the cards found on the desk. When the player plays its combination in the desk, he has to pick one of the cards (and put that card in its hand) of its choice already present in the desk, the remaining cards are discarded in a pile (they aren’t going to be used anymore during that game). If at a given time, no player is able to play (because he cannot form a combination of higher value than the one on the desk), the player that last played, discard the cards on the desk an restart playing, he can then either: put one card of its choice (just like at the start of the game) or play all the cards of its hands if he has a combination (it means if all the cards of its hand have the same color, or all the cards of its hand have the same value)

There are two sorts of combinations:

A combination of one or multiple cards of the same colors, ordered in descending value order (it means that (5,6,7) and (7,5,6) are in fact the same combination which is 7,6,5 or 765

A combination is one or multiple cards of the same value

For example if your hand is:

1 blue

1 black

2 black

3 red

5 blue

7 red

8 green

9 black

9 red

Combinations are:

973 (red)

921 (blue)

99 (same vale)

97 (red)

93 (blue)

92 (black)

91 (black)

85 (green)

73 (red)

11 (same value

9 (red)

9 (black)

8 (green)

7 (red)

5 (green)

3 (red)

2 (black)

1 (back)

1 (green)