LogiTrumps

A card game for the TI99/4a.

# Description



LogiTrumps is a trump card game with retro computers. It’s like we used to play it in the 80ies. Each player (you and the computer) gets the same number of cards. Each card represents a retro computer and has several values like year, memory and colours. Each card has its strengths and weaknesses. If a computer has a lot of memory or colours, he usually is not that old and therefor would likely loose in the year category. Usually the higher value wins. The year category is the only category where the lower value wins. The player who gets all cards first wins the game.

# How to play

At the beginning of the game the cards are shuffled. You and the computer get the same number of cards. You can choose a category by typing the corresponding number. The program will calculate weather you won, lose or make a draw against the computers card. If you win, you get the computers card. If you lose the computer gets your card. If it’s a draw you keep your cards and just continue with the next card. If it’s the computers turn you can just watch what the computer choses and what happens.

# Emulator Usage

Start the emulator (e.g. Classic99). Press Space. Press 1 for TI BASIC. Put the file into the directory DSK1 (for disk 1). Load with "OLD DSK.LOGITRUMPS”.

# Variables and Data Structures

|  |  |
| --- | --- |
| Variable | Usage |
| u | Users turn (1) or computer (0) |
| pp[] | Person’s array for position of cards |
| cc[] | Computer’s array for position of cards |
| r | Number of cards of person |
| e | Number of cards of computer |
| t$[] | Name of cards |
| a(card, factor) | Factors of the cards |
| p | Current position/card of person |
| c | Current position/card of computer |
| n | Round |
| b | Selected factor |
| z | Factor to print |
| d | User (1) or computer (0) to be printed as symbol |

# Code

Check separate file (code.txt).

# Code description

10-30 Data lines  
32-70 Setup variables  
80-120 Read data lines. Print title<  
130 -240 Mix the cards  
300-370 Get next cards  
400 Print score  
410-490 Print card of player and ask for category  
500-510 Print computer’s card  
600 -605 Select next card  
610-638 If better card, show :-) and get cards  
700-720 if worse card, show :-( and loose card  
800-850 Check if won or lost and print it  
900 Print card routine

# Line lengths

This computer only allows one statement per line. Therefor all lines have been split into several lines.

# Further Information

This program is part of a bigger project and available for different platforms. For more information check <https://logiker.com/LogiTrumps>.