Logikon

A game of deductive reasoning.

Contents:

Object of the game.

The object of this game is to guess the colors and exact positions of four randomly selected colored chips hidden in the <u>Answer Box</u>.

Logikon creates a combination of chips from the <u>Available Chips</u> which it hides in the Answer Box. Logikon will use single, double, triple, or even quadruple combinations of the available chips to create the combination.

To make your guess, you select colored chips from the Available Chips and make your guess in the <u>active row</u> below the Answer Box.

When you've completed your guess, click the Next Row button to proceed to the next row. Logikon will then provide you with clues as to how close your guess is to the actual answer. Logikon gives you this clue with the <u>Clue Box</u>.

You also can set your <u>level of expertise</u> for playing Logikon.

Playing the game.

Drag the colored chips you'd like to guess from the Available Chips to the active row.

If you would like to change any chip in your guess before continuing, simply drag a different chip over the one you'd like to change. If you'd like to remove a chip from your guess in order to leave a blank space, just double-click on the offending chip. You can also clear the entire row of your guess by clicking the Clear Row button.

When you're satisfied with your guess, click the Next Row button. You won't be able to change previous rows once you click the Next Row button.

Logikon will then let you know how close your guess is to the actual answer. It does this with the Clue Box to the right of your guess.

Using the information Logikon gives you in the Clue Box, you can attempt another guess.

Remember, Logikon will use any combination of the available chips, including singles, doubles, triples, or even quadruple combinations of one color!

Understanding the Clues.

After you press the Next Row button, Logikon fills in the <u>Clue Box</u> with red, black, or blank squares that indicate how well you guessed.

Each **red** square indicates that one chip in your guess matches the color and position of a corresponding chip in the <u>Answer Box</u>.

Each **black** square indicates that one chip in your guess matches the color, but not the position, of a corresponding chip in the Answer Box.

A **grey** square corresponds to a chip in your guess that does not match anything in the Answer box.

The position of the Clue Box squares does not relate to the positions of the four chips in your guess.

Here are some examples:

The three black squares indicate that three chips in the guess match three chips in the Answer Box, but each are in the wrong position. The grey square indicates that one chip does not correspond to any chip in the Answer Box.

The red square indicates that one chip in the guess matches the color and position of one corresponding chip in the Answer Box. Two chips in the guess match chips in the Answer Box, but are in the wrong position. One chip does not correspond to any chip in the Answer Box.

Four red squares indicate that this is the correct answer. All four chips match the colors and positons of the correspoding chips in the Answer Box. See how this row compares to the above two examples.

Setting your skill level.

You can change your skill level from the Level menu. There are four levels of skill: Beginner, Intermediate, Expert, and Minor Deity. Each of these correspond to a different number of chips that become available in the Available Chips. The more colored chips available, the more combinations possible in the Answer Box.

The Beginner level provides four chips from which Logikon will create answers out of a possible 256 combinations. The Intermediate level provides five chips (625 combinations), the Expert level provides seven chips (2,401 combinations), and the Minor Deity level provides eight chips (4,096 combinations).

Registering this software.

This software is shareware. It is not free. If you enjoy it enough to play occasionally, please send a registration fee of $5.00 (U.S.). I will then mail you the latest version of the game, without the annoying shareware notice.

You may copy this game to pass along to your friends or upload to your favorite BBS or online services.

If you would like a copy of the Visual Basic source code for ideas for your own projects, I will mail you a disk with full source code for $20.00 (U.S.).
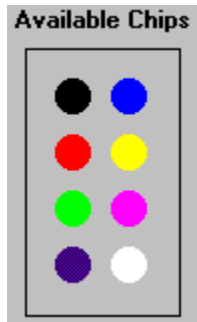
Please mail your registration to:
Orest Kinasevych
502 Chestnut Street, #34
Roselle Park, NJ   07204

Correspondence can also be addressed to:
71151.1457@compuserve.com

The **Answer Box** appears at the top of the Logikon playing area and is labeled "Answer". Logikon hides four random colored chips for you to guess in the Answer Box.

The **Available Chips Box** appears at the left of the Logikon playing area. Logikon shows all available chips for the currently selected skill level.

The **Clue Box** appears to the right of each row in the Logikon playing area.

The active row is indicated with a small arrow to the left of it. You can only make a guess in the current active row.