

Trefoil
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with CL5N Pascal Version 1.0

This fascinating game is based on La Belle Lucie. The only difference is that the aces are placed on the foundation as the cards are dealt.

Layout: The computer deals 16 fans of three cards each. The actual layout drawn is represented by capital 'F' for each fan. The foundations are represented by the capital letters of each suit.

F	F	F	F	F	S
F	F	F	F	F	H
F	F	F	F	F	C
F					D

The top cards in each fan are available for play on either the foundation or another fan. The foundations are built up to kings from aces. The fans can be built down within suit. Only one card can be played at a time. Fans which are removed are never replaced.

Redeals: Two redeals are permitted. On the second redeal an extra new is created by the computer. Normally, this would be done manually, however, by doing it this way is cheaper in terms of memory used by the program and it also places an added element of chance into this game.

Scoring: Five points are earned for each card placed on the foundation after the initial deal. Three are earned on the first redeal and one on the second.

Computer play: The cursor is a single arrow. Place the arrow on the fan against which play is to occur. The computer will first attempt to move the card to the foundation. If this can not be done, it will then search all the fans for the appropriate card and if available move it to the fan the arrow is resting on. The keyboard arrows and return or the joystick can be used to move the cursor.

The remaining commands are input via the keyboard. The are listed below:

Esc	- terminate the program
R	- redeal
arrows	- move cursor
return	- make play
stick	- move cursor
fire	- make play