

**STA Online Computer Programming Contest (DWITE)**  
**December 2002**

**Problem 1**

**DICE GAME**

One attraction at Casino Night, a local fund raiser for charity, is a game of chance using two six-sided dice. Each player guesses a number from two to twelve. If the first roll is a 7 or an 11, the player wins. If the first roll is a 2, 3 or 10, the player loses. Otherwise, the dice continues to be rolled until either a 7, 10 or 11 is rolled (in which case, the player loses), or the original number (the first roll) is rolled again (in which case, the player wins).

The input file (DATA1) will contain five lines of data. Each line represents the rolls of the dice during a game, in the order that they were rolled, and is terminated by a zero. Each roll (R) on the line will be separated by a single space. R is an integer.  $2 \leq R \leq 12$ . There will never be more than 100 rolls in a game.

The output file (OUT1) will contain five lines of data. Each line will represent the outcome of the respective game from the input file; whether the player wins (WIN) or loses (LOSS), and also how many rolls were used. If the data ends before the player wins or loses, output NO RESULT and how many rolls were used. The text WIN, LOSS or NO RESULT is in uppercase and is separated from the number of rolls by a hyphen.

**Sample Input (Only three games given)**

```
2 3 4 5 6 0
4 3 2 2 6 4 8 8 8 0
6 12 0
```

**Sample Output**

```
LOSS-1
WIN-6
NO RESULT-2
```