



# Problem 1

## Reversal of Field

2 points

[ Novice teams only ]

JAVA: program name must be prob01.class

C/C++ program name must be: prob01.exe

### Task Description

A simple palindrome is a word, phrase, or number that reads the same both left-to-right and right-to-left (ignoring punctuation). You will write a program to determine if a given input string is a palindrome.

### Program Input

You will prompt the user for an input string from the keyboard, and read it.

```
Enter string: Madam, I'm Adam.
```

### Program Output

For each input string, you will echo the string back to the console, followed by an indication as to whether or not it is a palindrome. Examples:

```
Madam, I'm Adam.  
-- is a palindrome
```

Another input/output example:

```
Enter string: 12345321  
12345321  
-- is not a palindrome
```