```
// Name: James Small
// Program: 3B
// Class: CSE455
// Description: StringToFloat class implementation file
#include "StringToFloat.h"
#include <stdlib.h> // for atof
#include <ctype.h> // for isdigit
// Constructor which sets the currentFloat to 0
StringToFloat::StringToFloat()
{
    currentFloat = 0;
}
// This method takes a string and returns true or false if a float
bool StringToFloat::isStringAFloat(string stringToTest)
    currentString = stringToTest;
    int periodsCount = 0;
    bool nonDigitFound = false;
    bool isFloat = false;
    for (int i = 0;i < currentString.length(); i++) {
        if (!isdigit(currentString[i])) {
            if (currentString[i] == '.') {
                periodsCount++;
            else if (currentString[i] == '-') {
                if (i != 0)
                    nonDigitFound = true;
            } else
                nonDigitFound = true;
        }
    }
    if (!nonDigitFound && periodsCount < 2) {</pre>
        isFloat = true;
        currentFloat = atof(currentString.c_str());
    }
    return isFloat;
}
// This method returns the float value
float StringToFloat::getFloatValue()
{
    return currentFloat;
}
```