

**Pseudocode****Functions:**

```
Void printUsagelInfo(string representing name of executable from command line){  
    print "Proper format is: " exe name " [-c or -s, optional] [string, as many as desired]"  
}
```

```
Boolean isPalindrome(input string, boolean flag that considers case-sensitivity when true,  
boolean flag that considers space-sensitivity when true){  
    temp boolean for return  
  
    if(input string length is less than 2){  
        set temp boolean to true  
        return temp boolean  
    }else{  
        if(case sensitive is false){  
            convert all chars in string to lowercase for easy comparison  
        }  
        if(space sensitive is false){  
            remove all spaces from string for easy comparison  
        }  
  
        if(first char in string does not match last char in string){  
            set temp boolean to false  
            return temp boolean  
        }else{  
            set temp boolean to isPalindrome(substring of original string with 1st and  
last chars taken off, case sensitive boolean, space sensitive boolean)  
        }  
    }  
}
```

**Main Function:**

```
Int main(int argc, char* argv[]){    //Default main parameter for command line input
    // argc is number of arguments, argv is array that stores arguments
    declarations:
    integer for starting index of strings to process in argv
    boolean for if case sensitivity is on
    boolean for if space sensitivity is on

    if(there are not enough arguments){
        throw an error, ask user to try again, call printUsagelInfo
    }
    // argv[0] is the name of the exe, argv[1] is the first userset arg

    if(first user arg starts with "-"){
        if(first user arg contains 'c' or 'C'){
            set boolean for case sensitive to true
        }
        if(first user arg contains 's' or 'S'){
            set boolean for space sensitive to true
        }
        set integer for starting index to argument after the "-" argument
    }

    for loop(increment from starting index to end of argv by 1){
        initialize temp boolean to isPalindrome(current element, case sensitive boolean,
space considering boolean)

        if(string is palindrome){
            print [string] "is a palindrome"
        }else{
            print [string] "is not a palindrome"
        }
    }
}
```