

Assignment 1: Duct Tape

Good morning Percy,

We're glad to have you aboard. Sorry to keep this short, but it's crunch time and our release is on 9/22. There's a bug that we need fixed by then. Howard... messed up again... Our application uses Spacecraft IDs as a unique identifier for a spacecraft. It seems that Howard wrote his own hashing algorithm which gives us an exception and crashes the application every time the Spacecraft ID is a palindrome. Rather than fixing his hashing algorithm we need to make a quicker fix- we won't allow our customers to use Spacecraft IDs which are palindromes.

- A coworker got you started already. **We need to you to write the checkPalindrome function**, which will take in a string and return true if the string is a palindrome (case insensitive) and false otherwise.
- Make sure your solution is well documented with method header comments and other comments as needed. We really don't need another Howard or I fear our company will go under.

Best,

Your Boss

P.S. Here are some example inputs and expected results

checkPalindrome("Berries") -> false

checkPalindrome("noon") -> true

checkPalindrome("12woW21") -> true

checkPalindrome("12345") -> false

checkPalindrome("1") -> true