

Object Oriented Programming

Assignment 4 - Palindrome

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1 Hmmmmmm

Your program will:

1. Ask the user for an integer. If it is negative, quit
2. Calculate the smallest palindrome larger than the input. A palindrome is a phrase/word/number that is the same forwards and backwards
3. Note: you are only doing a simple palindrome check (whether the number is the same forwards and backwards). So you just check each number one by one, you don't need to generate a mathematical paldinrome

Example functionality:

- If the user enters 800, your program should output 808, because 808 is the same backwards and forwards (and 801-807 aren't)

2 Some references

- <http://homeandlearn.co.uk/java/charAt.html>