# Final Exam – Odd/Even Checker

Create an application that checks whether an integer is an odd or even number.

## Console

Welcome to the Odd/Even Checker!

Enter an integer: ten

Error! Invalid integer. Try again.

Enter an integer: 10.3

Error! Invalid integer. Try again.

Enter an integer: 10

The number 10 is even.

Continue? (y/n):

Error! This entry is required. Try again.

Continue? (y/n): y

Enter an integer: 9

The number 9 is odd.

Continue? (y/n): n

## Specifications

* Create a version of the Console class that is available in the module. You will need to decide if you want to keep all the methods static or not based on the following instructions.
* Create a MyConsole class that inherits the Console class. Then, override the getString() method so it doesn’t allow the user to enter an empty string.
* Use an instance of the MyConsole class to get and validate the user’s entries.
* I should be able to replicate exactly what you see above including spacing when I grade your paper.
* You should have three files in your application with your code. Your console class, MyConsole class, and your main class.
* Be sure the compress the entire project, not just the three files mentioned in the previous step, and upload them to CANVAS.

## Hint

* You can use the modulus operator to determine whether the integer entered by the user is odd or even.