

Code exercise- OHCE

Goal

We would like you to complete this short simple exercise using TDD. Your submission should contain code for the tests and the application under test. Submit your code via GitHub and share the repository URL with us.

You will be expected to talk about your approach and test design decisions during the interview.

We assess the submissions based on both the validity & completeness of the **Ohce** console application (described below) as well the Test Coverage.

Description

Ohce is a console application that echoes the reverse of what you input through the console.

Even though it seems a silly application, **Ohce** knows a thing or two.

1. When you start **Ohce**, it greets you differently depending on the current time, but only in Spanish:
 - Between 20 and 6 hours, **Ohce** will greet you saying: *¡Buenas noches < your name >!*
 - Between 6 and 12 hours, **Ohce** will greet you saying: *¡Buenos días < your name >!*
 - Between 12 and 20 hours, **Ohce** will greet you saying: *¡Buenas tardes < your name >!*
2. When you introduce a palindrome, **Ohce** likes it and after reverse-echoing it, it adds *¡Bonita palabra!*
3. **Ohce** knows when to stop, you just have to write *Stop!* and it'll answer *Adios <your name >* and end.

This is an example of using **Ohce** during the morning:

```
$ ohce Pedro
> ¡Buenos días Pedro!
$ hola
> aloh
$ oto
> oto
> ¡Bonita palabra!
$ stop
> pots
$ Stop!
> Adios Pedro
```