

# Application Challenge

## Task 1: Find the most frequent integer in an array?

Using the language and IDE of your choice, develop an algorithm to find the most frequent integer in an array of integers.

We want to see how you solve problems.

You are free to make all reasonable assumptions, but should not use existing libraries to do this or copy these libraries.

## Task 2: Reverse a String iteratively and recursively

Using the language and IDE of your choice, develop algorithms to reverse a string both iteratively and recursively.

Additional credit given for unit testing the code developed.

You are free to make all reasonable assumptions, but should not use existing libraries to do this or copy these libraries.

## Task 3: Simple Heroku WebApp

Develop and deploy a simple web application to [Heroku](#).

### Requirements

1. Develop a simple "hello world" web application [using any of the supported languages](#).
2. Push the code to Github
3. Deploy your application on Heroku
4. Display the results in the web browser
5. Extra credit for going beyond just 'Hello World'

Document an issues and/or gotcha's, be prepared to explain any part of the implemented solution.

### Resources

- IDE: Of your choice
- [Heroku supported languages](#)
- [Github](#)
- [Deploy from Github to Heroku](#)
- [A helpful guide](#)