# Assignment 1 (DUE 27th Feb)

## Requirement

a. Setup the development environment for iOS. Create an Apple ID if you dont have one. Download XCode and install it on the Mac machine you would be using.
b. Implement a simple table (UITableView) on iOS. The table should be inside a Navigation Bar. Each table cell should have an image and a corresponding text.
c. The navigation should have the title "Flags"
d. The app should be named "Flags".

## Details

You can fetch the images from the url:

http://www.cs.columbia.edu/~coms6998-8/assignments/homework1/images/*.png

For eg: http://www.cs.columbia.edu/~coms6998-8/assignments/homework1/images/1.png

The images are numbered from 1.png to 16.png.  The images are icons of flags of different countries.

The country names corresponding to numbers are:

1. India
2. USA
3. Antarctica
4. Brazil
5. Canada
6. China
7. France
8. Germany
9. Italy
10. Japan
11. Kenya
12. Malaysia
13. Mexico
14. South Africa
15. United Kingdom
16. Vietnam

You may want to store the names of the country in an array or a dictionary.

So the steps involved are:

1. Create a tableView inside a navigation bar.
2. Create array with names of the countries.
3. Fetch images.
4. Display the image and the corresponding country name in the table cell.

You can develop and run app on the simulator. You do not need to deploy the app on the device for this assignment.

## Hint

There are 4 required callbacks which you need to implement for a table to work. Find those and populate the table data using them.

## Grading

The assignment will be graded based on:

    a. The final output, based on the requirements.
    b. The look and feel.
    c. Code quality.
    d. Understanding of the code written.