Programming Assignment #2: Turning Lambda functions into APIs

In the previous assignment you created two Lambda functions – TuitionCost and FindState.

For this assignment, you will make both of those Lambda functions into APIs by doing the following:

1. Attach an API gateway to each Lambda function.
2. Modify the code to handle the parameter passed to the function.
3. Create a test case that passes a sample value for the parameter to the function.
4. Create a web page as a client for each function that takes user input, invokes the function by clicking a button on the page, and displays the result through an alert. Deploy your web page through CloudFront – you can use the S3 bucket you’ve already set up for the in-class exercises.

**Program #1: TuitionCost**

For this function, the parameter is the number of credits taken. The web client should ask the user to enter the number of credits taken through a text box.

**Program #2: FindState**

For this function, the parameter is the state abbreviation. The web client should ask the user to enter a state abbreviation through a text box.

**Submit:**

A Word document with your name and the title of the assignment at the top. Include in the document:

1. The API endpoints for each Lambda function.
2. The CloudFront URL for each web client.
3. The code for the two Lambda functions. You can copy/paste the code into the Word document.