Homework Assignment 6.

# Computing in the Cloud

What should be included in the homework report:

* Screenshots of your actions
* One-sentence descriptions for each screenshot

**Instructions:**

1. Follow class notes.
2. Using your AWS account, create a new cluster.
   * Remember, you will be using AWS credit you applied in the beginning of semester.
3. To minimize costs, choose the following configuration:
   * Launch mode: step execution



* + Step type: Hive Program
  + Configure one step as follows:
    1. **Step name**: firstnameNNNNNN
       - Where firstname should be your first name
       - NNNNN should be your student ID
    2. Script S3 location:
       - s3://us-west-2.elasticmapreduce.samples/cloudfront/code/ Hive\_CloudFront.q
    3. Input S3 location:
       - s3://us-west-2.elasticmapreduce.samples/
    4. Output S3 location:
       - you must create an S3 bucket as described in the class notes. The bucket must be named lastnameNNNN, where lastname is your last name lowercase and NNNN is your student ID.
       - Specify this bucket as output
  + Instance type: **m1.medium**
  + Number of instances: **2**

1. Start the cluster
2. Watch how the cluster status changes from starting to running and to other states.
3. Make sure the script executes.
4. Make sure the cluster terminates.
   * This is important to terminate the cluster, otherwise you may run out of Amazon academic credit and receive a bill from Amazon.
   * If the cluster executed the step but is still running, terminate the cluster yourself by pressing the Terminate button.
5. Navigate to your S3 bucket. Locate a folder with output file(s). View output.