**Team Flashcard Learners:**

* Alvino Villa
* Mateusz Marciszewski
* Paramjeet Bindra
* Steve Tu

**Links to repos:**

[**https://github.com/alvv4240/FlashCards**](https://github.com/alvv4240/FlashCards)

[**https://github.com/alvv4240/project\_IaC**](https://github.com/alvv4240/project_IaC)

**--**

**Success/Failure Log:**

**Successes:**

-we were able to commit changes to GitHub and deploy

-authorized GitHub connection settings for the ability to connect to AWS

-ran pipelines successfully

-successwith YAML code\*\*\*

-\*built 2 CI/CD projects!!!!!

**Failures:**

-failure in code not deploying after making changes to it despite having AWS CodePipeline up

-having two containers and only one was able to run and the other did not

-deployed (ALB) Application Load Balancer and only one node was healthy; we didn’t get true load balancing

-registry was slow to update; took about 15 minutes

-challenges with YAML code

-adding a step to call Lambda, it doesn’t have knowledge of the code and doesn’t know when to stop running

--

**Artifact Summary:**

-index.html

-buildspec.yml

-buildspec-eks.yml

-README.md

-DockerFile

-deployment.yml

-service.yml

-prereqs.sh

-deployment.yml

-style.css

-AlltheIACCod1.11.23.yml

-Team1A Flashcard Learners.Presentation File.pptx

-InRegionOnly4CodePipelines.yml

-InRegionOnlyEKScluster.yml

-VPCwithoutNAT.EIP.RoutesWorking.yml

-codebuild.yml

-codedeployapp.yml

-s3sample2.yml

**AWS Services and Tools used:**

-Github

-AWS CodeBuild

-AWS Elastic Container Service (ECS)

-Elastic Kubernetes Service (EKS)

-Elastic Container Registry (ECR)

-AWS Pipeline

-AWS (SNS) Simple Notification Service

-AWS Lambda

-AutoScalingGroup

-CloudFormation

-IAM

-S3

-Former2

-draw.io