This task demonstrates how to set up a CI/CD pipeline for containerized applications using AWS services. The Flask app code is stored in GitHub, and AWS CodePipeline automates the process of pulling the code, building a Docker image with CodeBuild, and pushing it to Amazon ECR. This ensures that every code change is automatically built and stored as a container image, enabling faster deployments and consistent delivery.

Repo is created in ECR: -

A screenshot of a computer

AI-generated content may be incorrect.

CodePipeline is created: -

A screenshot of a computer

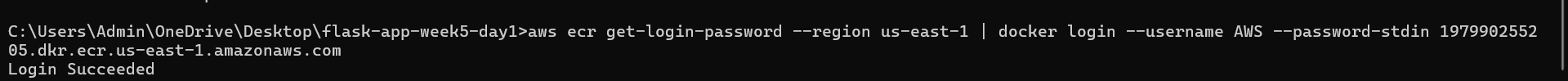
AI-generated content may be incorrect.

Successful pipeline execution.

A screenshot of a computer

AI-generated content may be incorrect.

Authenticate docker with ECR

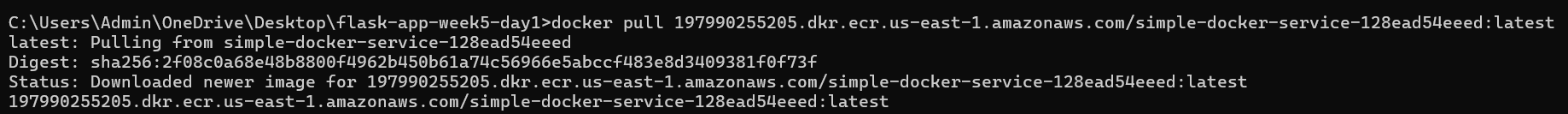


Creating/Building image

A screenshot of a computer program

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Pulling the Image from ECR



Container is running successfully

A black screen with white text

AI-generated content may be incorrect.

Flask app Running on browser

