Assignment AWS 1:

**Services**:

You may use aws services Lambda, SQS, SES, APIgateway, DynamoDB, RDS, Amplify, graphQL

**Scripting**:

NodeJs, Java or phython

Example 1:

1. Design Dynamo DB table called “Student” with attributes,

StudentId, First Name, Last Name, DOB, Grade and Email

(Use cloud formation)

1. Decide and Implement Indexes, primary keys and sort keys
2. Implement CRUD operations in Lambda and Invoke Lambda by GraphQL operations
3. Test CRUD with APIgateway
4. When record is inserted to table, generate an Email to student (SES with or without SQS can be used; you may use cloud formations where applicable)

\*\* You can design you own Example similar to this, this is an example template.