README - Serverless Math Web Application

- Create Lambda function and paste code.

This is a serverless web application using AWS services to perform exponentiation.
Features:
- Serverless architecture with AWS Lambda.
- Results stored in DynamoDB.
- Hosted via Amplify.
- API managed by API Gateway.
Prerequisites:
- AWS Account and CLI.
- Basic AWS knowledge.
Setup Instructions:
Clone the repo and enter directory.
2. Amplify Deployment:
- amplify init
- amplify add hosting
- amplify publish
3. Lambda Function:

4. API Gateway:	
- Create REST API.	
- Add POST method.	
- Enable CORS.	
5. DynamoDB:	
- Create table MathResults.	

- Allow Lambda access.

- Attach write policy to Lambda role.

7. Update index.html with API URL.

- Open Amplify-hosted app.

- Input base and exponent.

- Submit to see result.

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6. IAM:

Usage: