Task 3A:

A Brief Description of The Architecture

A user accesses an endpoint (e.g https://xxxxxxxxxx/send-email, which triggers a Lambda function that pushes a message to an SNS topic. The SNS topic then forwards the message to an email address registered to the topic.
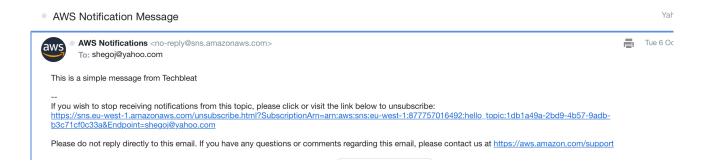
Requirements:

- Implement the architecture above

- You can use/create any endpoint you want (i.e use any name for your API-Gateway)

- Use any name you want for your SNS/Topic

- There is a Lambda function to be deployed and API-Gateway to access the Lambda. Code is <u>HERE</u>

- You will need the following AWS components

  - API-GW

  - LAMBDA

  - ROLES/POLICY

  - SNS/TOPIC

If all goes well, you should see a message similar to this:

AWS Notification Message   Yah

aws   **AWS Notifications** <no-reply@sns.amazonaws.com>   Tue 6 Oc
To: shegoj@yahoo.com

This is a simple message from Techbleat

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If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:
https://sns.eu-west-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:eu-west-1:877757016492:hello_topic:1db1a49a-2bd9-4b57-9adb-b3c71cf0c33a&Endpoint=shegoj@yahoo.com

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at https://aws.amazon.com/support

EXTRAS

- IaC (Terraform) should be used to build the infrastructure

- Code should be saved in SCM