#!/usr/bin/env python

# -\*- coding: utf-8 -\*-

"""Chatbot101 with AWS Lambda Console Script.

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"""

# This script will perform the following actions:

# 1. GET a joke from the icanhazdadjoke database of jokes.

# 2. POST the joke to the relevant Webex Teams Room

import requests

import json

ROOMID = "insert-roomid-here"

TOKEN = "Bearer insert-bot-token-here"

#Step 1: GET joke from icanhazdadjoke database

def getJoke():

url = "https://icanhazdadjoke.com"

headers = {

"Accept":"application/json"

}

response = requests.request("GET", url=url, headers=headers)

return response.json()["joke"]

#Step 2: POST that joke to Webex Teams Room

def postJoke(joke):

url = "https://webexapis.com/v1/messages"

headers = {

"Authorization": TOKEN, # Bot's access token

"Content-Type": "application/json"

}

payload = {

"roomId": ROOMID,

"text": joke

}

response = requests.request("POST", url, data=json.dumps(payload), headers=headers)

def main(event, context):

joke = getJoke()

postJoke(joke)

return {

'statusCode': 200,

'body': json.dumps('Success, joke has been sent!')

}