

1. [2 points] Capture your browser screen to show that you can successfully sign up for a Heroku account. An example is in Slide#14.

The screenshot shows a web browser window with the Heroku account dashboard. The browser's address bar displays `dashboard.heroku.com/account`. The page has a navigation bar with the Heroku logo and a search bar. Below the navigation bar, there are tabs for "Manage Account", "Account", "Applications", and "Billing". The "Account" tab is selected, showing the "Profile" section. The "Profile" section includes a description: "Your email address is your identity on Heroku and is used to log in." It also features a profile picture placeholder and a form for updating the email address. The email address field is filled with `sirapoomlee@gmail.com`. Below the email field is a "Name (Optional)" field filled with `Sirapoom Leesuravanich`. A link to "Manage your avatar using Gravatar" is provided. The "Password" section is also visible, with a description: "Changing your password will also reset your API key." It includes fields for "Current Password" (filled with `enter your current password`), "New Password" (filled with `enter a new password`), and "Confirm New Password". A note states "Password must be 8 or more characters."

myCourseVille x Chapter14_Deployment-360766 x worksheet: Assignment#11 Deplo x Account | Heroku x +

dashboard.heroku.com/account

Salesforce Platform

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Manage Account

Account Applications Billing

Profile

Your email address is your identity on Heroku and is used to log in.

Email Address

sirapoomlee@gmail.com

Name (Optional)

Sirapoom Leesuravanich

Manage your avatar using [Gravatar](#).

Password

Changing your password will also reset your API key.

Current Password

enter your current password

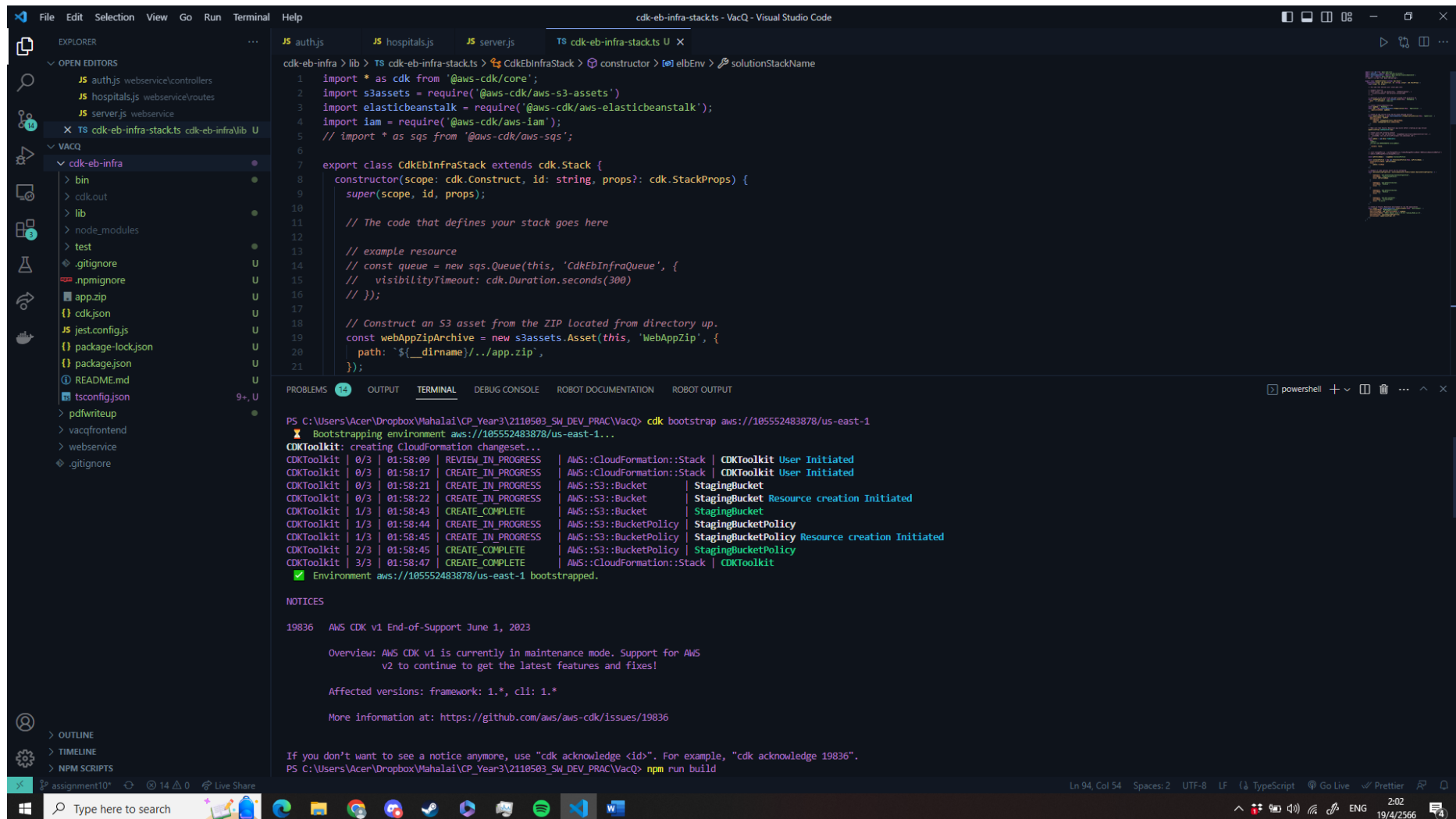
New Password

enter a new password

Password must be 8 or more characters.

Confirm New Password

2. [2 points] Capture your terminal screen to show that you can successfully "cdk bootstrap" the AWS account by following Slide#60.



The screenshot shows a Visual Studio Code editor with a terminal window open. The terminal displays the output of the `cdk bootstrap` command. The output shows the environment being bootstrapped for the AWS account `aws://105552483878/us-east-1`. The CDK Toolkit is creating CloudFormation changeset, and the resources being created are `StagingBucket` and `StagingBucketPolicy`. The environment is successfully bootstrapped.

```
PS C:\Users\Acer\Dropbox\Mahalai\CP_Year3\2110503_SW_DEV_PRAC\VacQ> cdk bootstrap aws://105552483878/us-east-1
X Bootstrapping environment aws://105552483878/us-east-1...
CDKToolkit: creating CloudFormation changeset...
CDKToolkit | 0/3 | 01:58:09 | REVIEW_IN_PROGRESS | AWS::CloudFormation::Stack | CDKToolkit User Initiated
CDKToolkit | 0/3 | 01:58:17 | CREATE_IN_PROGRESS | AWS::CloudFormation::Stack | CDKToolkit User Initiated
CDKToolkit | 0/3 | 01:58:21 | CREATE_IN_PROGRESS | AWS::S3::Bucket | StagingBucket
CDKToolkit | 0/3 | 01:58:22 | CREATE_IN_PROGRESS | AWS::S3::Bucket | StagingBucket Resource creation Initiated
CDKToolkit | 1/3 | 01:58:43 | CREATE_COMPLETE | AWS::S3::Bucket | StagingBucket
CDKToolkit | 1/3 | 01:58:44 | CREATE_IN_PROGRESS | AWS::S3::BucketPolicy | StagingBucketPolicy
CDKToolkit | 1/3 | 01:58:45 | CREATE_IN_PROGRESS | AWS::S3::BucketPolicy | StagingBucketPolicy Resource creation Initiated
CDKToolkit | 2/3 | 01:58:45 | CREATE_COMPLETE | AWS::S3::BucketPolicy | StagingBucketPolicy
CDKToolkit | 3/3 | 01:58:47 | CREATE_COMPLETE | AWS::CloudFormation::Stack | CDKToolkit
[X] Environment aws://105552483878/us-east-1 bootstrapped.

NOTICES

19836 AWS CDK v1 End-of-Support June 1, 2023

Overview: AWS CDK v1 is currently in maintenance mode. Support for AWS
v2 to continue to get the latest features and fixes!

Affected versions: framework: 1.*, cli: 1.*

More information at: https://github.com/aws/aws-cdk/issues/19836

If you don't want to see a notice anymore, use "cdk acknowledge <id>". For example, "cdk acknowledge 19836".
PS C:\Users\Acer\Dropbox\Mahalai\CP_Year3\2110503_SW_DEV_PRAC\VacQ> npm run build
```

3. [2 points] Capture your AWS CloudFormation Console to show that you can successfully deploy your web application. An example is in Slide#65.

The screenshot displays the AWS CloudFormation console interface. The left sidebar contains navigation options: Stacks, StackSets, Exports, Designer, Registry, and Feedback. The main content area shows a list of stacks under the heading 'Stacks (4)'. The list includes four stacks, all with a status of 'CREATE_COMPLETE'.

Stack name	Status	Created time	Description
awseb-e-3wgjq2wcf-stack	CREATE_COMPLETE	2023-04-19 20:19:17 UTC+0700	AWS Elastic Beanstalk environment (Name: 'MyWebAppEnvironment' Id: 'e-3wgjq2wcf')
CdkEblnfrStack	CREATE_COMPLETE	2023-04-19 20:18:31 UTC+0700	-
CDKToolkit	CREATE_COMPLETE	2023-04-19 01:58:09 UTC+0700	The CDK Toolkit Stack. It was created by 'cdk bootstrap' and manages resources necessary for managing your Cloud Applications with AWS CDK.
c73736a149841313957962t1w105552483878	CREATE_COMPLETE	2023-04-18 13:18:39 UTC+0700	associate Learner Lab template

A notification box at the bottom left states: 'Introducing AWS CloudShell in the console toolbar. Get quick access to CloudShell while navigating throughout the AWS Management Console. OK'.

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 20:35 on 19/4/2566.

4. [2 points] Capture your Elastic Beanstalk > Environments console to show that you can successfully deploy your web application. An example is in Slide#66.

The screenshot displays the AWS Elastic Beanstalk console interface. At the top, a blue banner announces the new console experience. The left sidebar shows navigation options: Environments, Applications, and Change history. The main content area, titled 'All environments', features a search bar and a table of environments. A single environment, 'MyWebAppEnvironment', is listed with a 'Degraded' health status. Below the table, a tooltip provides information about the AWS CloudShell toolbar. The bottom of the screen shows the Windows taskbar with various application icons and the system clock.

Environment Details:

Environment name	Health	Application name	Date created	Last modified	URL	Running versions	Platform	Platform state	Tier name
MyWebAppEnvironment	Degraded	MyWebApp	2023-04-19 20:19:05 UTC+0700	2023-04-19 20:22:22 UTC+0700	MyWebAppEnvironment.eba-ze9dtuhc-us-east-1.elasticbeanstalk.com	cdkebinfrastack-appversion-4pqtzke0xhqt	Node.js 14 running on 64bit Amazon Linux 2	Supported	WebServer

[2 points] Capture your browser screen to show that you can successfully call the "Get All Hospitals" API from AWS Elastic Beanstalk. An example is in Slide#67.