

CMPE172
HW3-Salesforce
Minh Ngo-010980398

Part I. Account Creation for Salesforce

Personal Information


Details

First Name	Minh
Last Name	Ngo
Alias	Minh Ngo
Email	minh.ngo@sjsu.edu
Username	minhngo0710
Nickname	minhngo0710-554384164236
Phone	
Extension	
Fax	
Mobile	

I created an account for this assignment. The pictures are listed below.

Badges (1 of 1)

All Badges ▾



Platform
Development
Basics

About Me

First Name
Minh

Last Name
Ngo

Profile Visibility
Public

Trailblazer Since
October 13, 2018

Job Role
Developer

Relationship to Salesforce
Student / Job Seeker

Company/Institution
San Jose State University

Favorite Trailhead Character
Appy

Profile Link
<https://trailhead.salesforce.com/en/me/00550...>

Email ⓘ
minh.ngo@sjsu.edu

Part II. Platform Development

Overall Progress

The screenshot shows the Salesforce Trailhead interface. At the top, there's a navigation bar with the Trailhead logo, a search bar, and user information for Minh Ngo (1 Badges, 800 Points). Below the navigation bar, the 'Developer Beginner' trail is highlighted in red. It shows a progress bar at 7% and a timer for 16 hrs 45 mins left. The trail is categorized as 'Developer' and 'Beginner'. Below the trail header, there's a section for 'Modules and projects (13)'. The first module, 'Platform Development Basics', is expanded, showing four units: 'Get Started with the Salesforce Platform' (~ 15 mins), 'Develop Without Code' (~ 15 mins), 'Code with Salesforce Languages' (~ 20 mins), and 'Extend the Salesforce Platform' (~ 15 mins). All units are marked as completed with green checkmarks. A '100%' progress bar is shown at the bottom of the module list. To the right of the module list, there's a section 'About this trail' with a description: 'Leverage your existing development skills to build apps fast on the Salesforce Platform.'

Step-by-step

In these screenshots, I have finished all of the required quizzes and tutorials.

3. Click **File | Open | Pages**.

4. In the Filter bar, enter HeatMap and double-click it to open.

In this file, you see Visualforce markup, HTML markup, CSS, and JavaScript. Notice that the acronym SLDS appears a few times. SLDS (Salesforce Lightning Design System) lets you style your pages so they match the look and feel of Salesforce's new interface, Lightning Experience. Another thing to notice is that Visualforce uses a similar convention to Lightning components with `<apex:tagName>`.

Something that's not shown in this class is the concept of Apex controllers. Before, we mentioned that Lightning components use JavaScript on the client-side and Apex on the server-side. Visualforce pages can also use server-side Apex controllers, and most complex pages use quite a bit. As you continue to explore Visualforce, you'll get very familiar with Apex controllers.

You can also access and preview Visualforce pages by searching `Visualforce Pages` from the Quick Find bar in Setup.

Resources

- [Lightning Components Developer Guide](#)
- [Apex Developer Guide](#)
- [Visualforce Developer Guide](#)

Time Estimate

⌚ About 20 mins

Topics

[Learning Objectives](#)
[Get to Know Your Options](#)
[Lightning Components](#)
[Apex](#)
[Visualforce](#)
[Resources](#)

Challenge

+100 POINTS

? [Question, feedback or help](#)

Quiz Complete!

+100 points



Platform Development Basics

100%

Resources

- [Salesforce Platform Basics](#)
- [DreamHouse Sample App](#)

Assessment Complete!

+500 points



Platform Development Basics

100%

[Retake this Challenge](#)

Next Module: [Data Modeling](#)



The no-code and low-code development capabilities that the Salesforce platform provides means that you, as a developer, can move faster. If you're the only person at your company developing on Salesforce, you can use the platform's many declarative tools to build more in less time. If you're working on a team with non-coders, you can leave the declarative development tasks to them while you double down on more code-intensive projects.

Resources

- [Data Modeling](#)

Quiz Complete!

+100 points



Platform Development Basics

100%

Next Module: [Data Modeling](#)

Time Estimate

⌚ About 15 mins

Topics

- [Learning Objectives](#)
- [The Power of Metadata](#)
- [What's Inside DreamHouse?](#)

[No-Code and Low-Code Development](#)

[Resources](#)

Challenge

+100 POINTS

? Question, feedback or help

Throughout Trailhead, you'll learn much more about the technology we've discussed here. Additionally, the [Salesforce Developers](#) portal is your best resource for all things related to developing on the Salesforce platform. It's full of developer guides, blog posts, forums, and more information to help you as you get started.

Resources

- [API Basics](#)
- [IoT Basics](#)
- [Salesforce Developers](#)

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Quiz Complete!

+100 points



Platform Development Basics

100%

Topics

- [Learning Objectives](#)
- [Get to Know Salesforce APIs](#)
- [Unleash Your Apps with Heroku](#)
- [IoT, Bots, and More](#)

[Sum It Up](#)

[Resources](#)

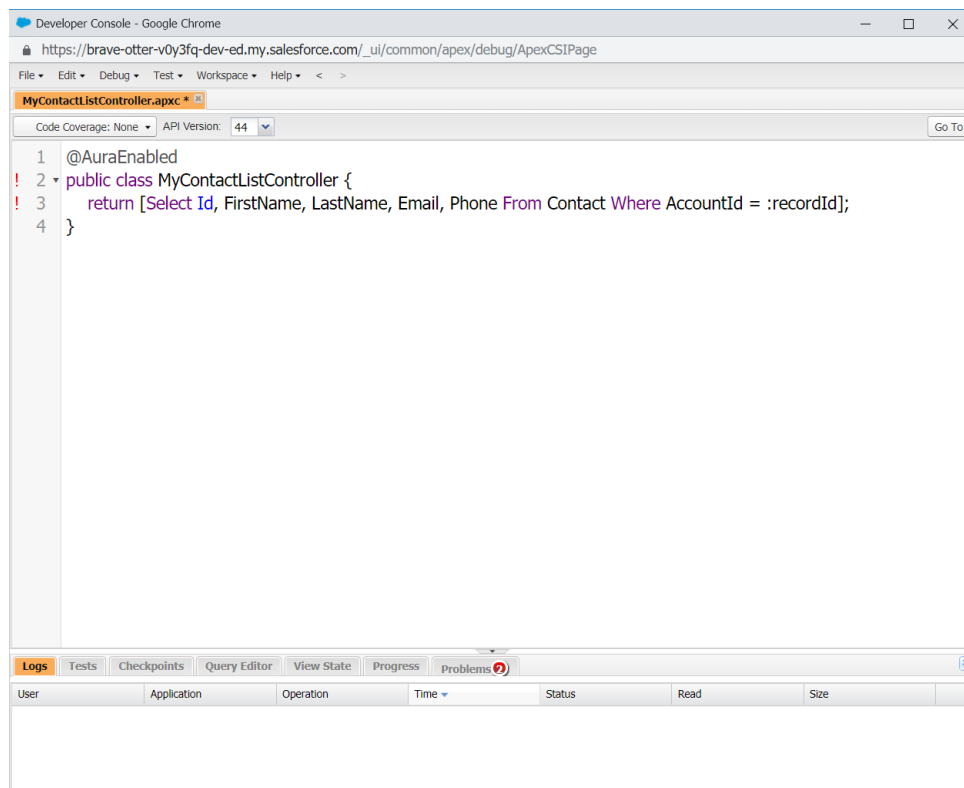
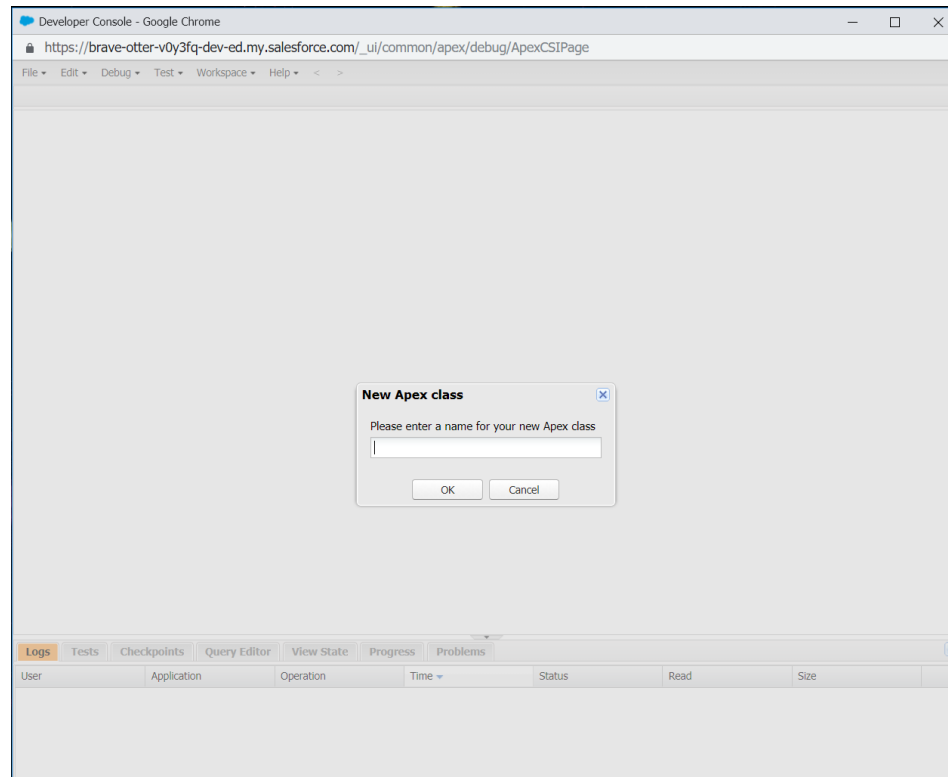
Challenge

+100 POINTS

? Question, feedback or help

Part III. Quick Start: Lightning Components

Create server apex controller class



Assessment Complete!

+25 points

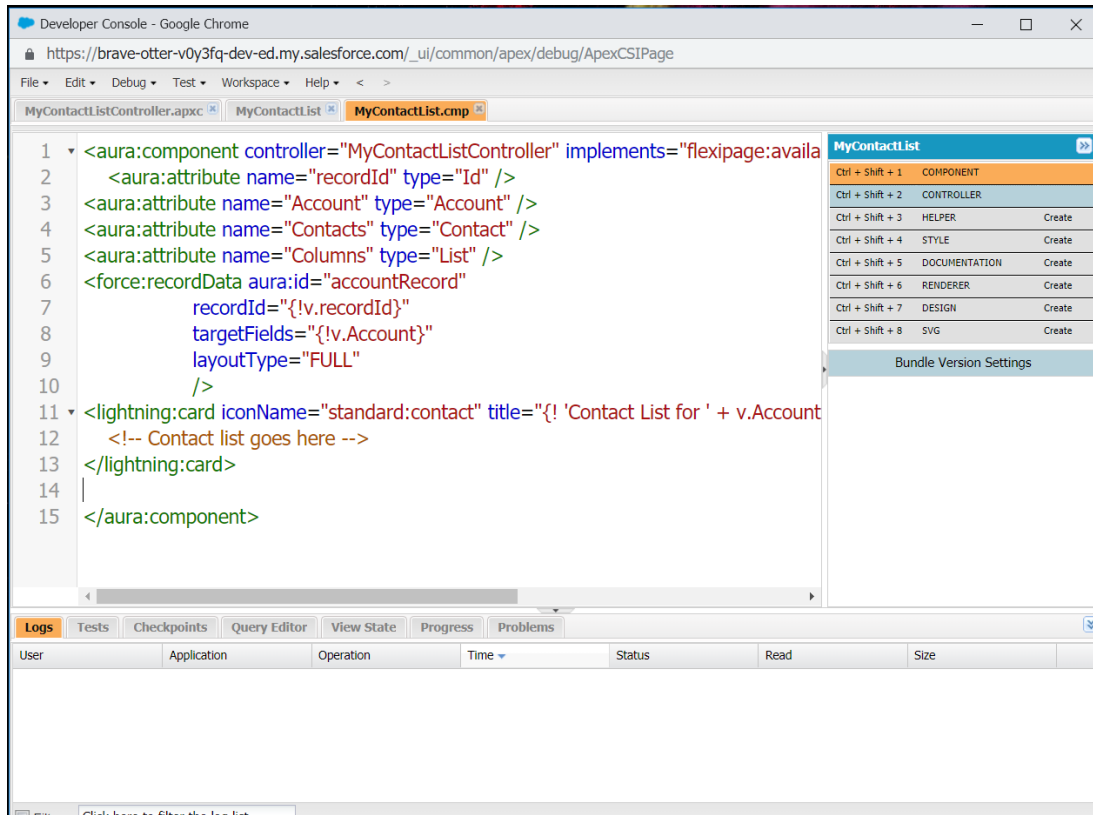


Quick Start: Lightning
Components

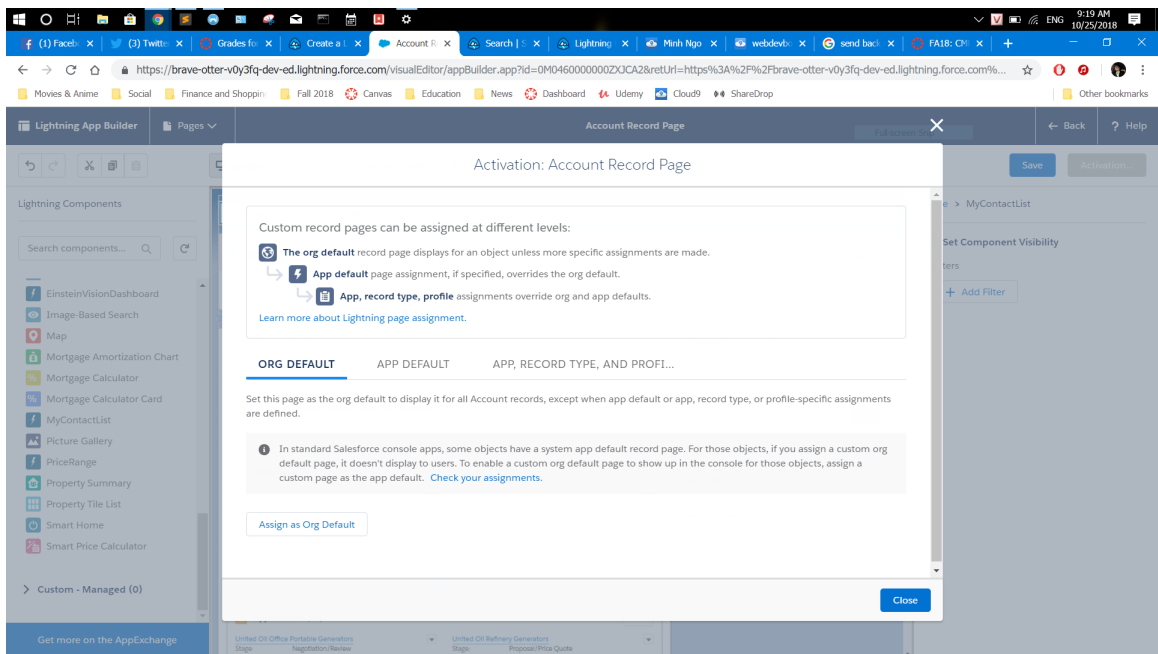
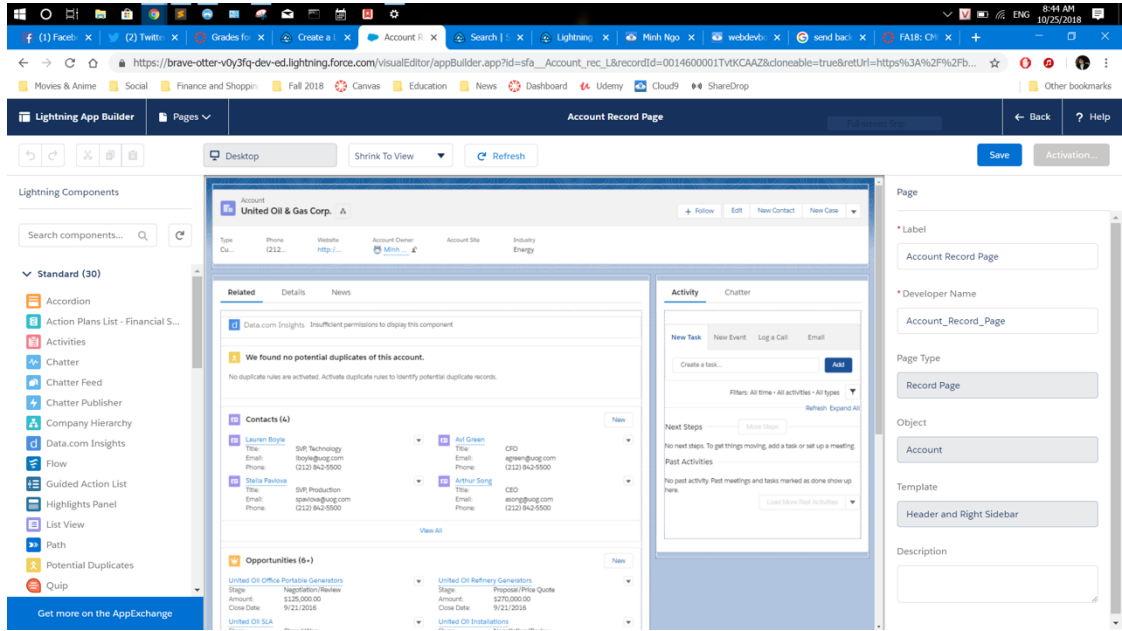
25% A horizontal progress bar with a blue segment representing 25% completion.

Tackle the next step

Create lightning component



Accounts						
All Accounts						
12 Items • Sorted by Account Name • Filtered by all accounts • Updated a few seconds ago						
Search this list...						
<input type="checkbox"/>	ACCOUNT NAME	ACCOUNT SITE	BILLING STATE/PROVI...	PHONE	TYPE	ACCOUNT OWNER
<input type="checkbox"/>	Burlington Textiles Corp of America		NC	(336) 222-7000	Customer - Direct	MNgo
<input type="checkbox"/>	Dickenson plc		KS	(785) 241-6200	Customer - Channel	MNgo
<input type="checkbox"/>	Edge Communications		TX	(512) 757-6000	Customer - Direct	MNgo
<input type="checkbox"/>	Express Logistics and Transport		OR	(503) 421-7800	Customer - Channel	MNgo
<input type="checkbox"/>	GenePoint		CA	(650) 867-3450	Customer - Channel	MNgo
<input type="checkbox"/>	Grand Hotels & Resorts Ltd		IL	(312) 596-1000	Customer - Direct	MNgo
<input type="checkbox"/>	Pyramid Construction Inc.			(014) 427-4427	Customer - Channel	MNgo
<input type="checkbox"/>	sForce		CA	(415) 901-7000		MNgo
<input type="checkbox"/>	United Oil & Gas Corp.		NY	(212) 842-5500	Customer - Direct	MNgo
<input type="checkbox"/>	United Oil & Gas, Singapore		Singapore	(650) 450-8810	Customer - Direct	MNgo
<input type="checkbox"/>	United Oil & Gas, UK		UK	+44 191 4956203	Customer - Direct	MNgo
<input type="checkbox"/>	University of Arizona		AZ	(520) 773-9050	Customer - Direct	MNgo



7. In your org, click the App Launcher icon and choose Accounts from the All Items section.
8. Switch from the Recently Viewed list to All Accounts and click to open the account for United Oil & Gas Corp.
9. Click the Setup icon and
10. Drag your component from the component palette to the Activity component.
11. Click the Save button.
12. Click Activate and then click
13. Click Save and then click t

Time Estimate
About 5 mins

Assessment Complete!

+25 points



Quick Start: Lightning
Components

50%

Tackle the next step

Quick Start: Lightning
Components

50%

Retrieve a contact list

https://trailhead.salesforce.com/content/learn/projects/quickstart-lightning-components/quickstart-lightning-components4

Social Finance and Shopping Fall 2018 Canvas Education News Dashboard Udemy Cloud9 ShareDrop

Quick Start: Lightning Components > Retrieve a Contact List

An `aura:handler` listens for a specific event and then executes the function identified by the action attribute in the component's controller file. The `name` attribute identifies the event, in this case `init` which is the event that fires as the component is loaded onto the page.

6. Select File | Save.

Time Estimate About 5 mins


Retrieve the Contacts

Challenge +25 POINTS


Question, feedback or help

Assessment Complete!

+25 points



Quick Start: Lightning Components

75% 

Tackle the next step

Next step: Render and Preview the Contact List

Render and preview contact list

Windows Taskbar: Twitter, Trailhead, HW #3, Render, United, Search, Lightning, Minh, webdev, send b..., FA18, ENG 9:28 AM 10/25/2018

https://brave-otter-v0y3fq-dev-ed.lightning.force.com/lightning/r/Account/0014600001TVtKCAAZ/view


Movies & Anime Social Finance and Shopping Fall 2018 Canvas Education News Dashboard Udemy Cloud9 ShareDrop

Search Salesforce


Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups Calendar More

Type: Customer - Direct Phone: (212) 842-5500 Website: http://www.uos.com Account Owner: Minh Ngo Account Site: Industry: Energy

Related Details News


 We found no potential duplicates of this account.

No duplicate rules are activated. Activate duplicate rules to identify potential duplicate records.

Contacts (4) 


Lauren Boyle Title: SVP, Technology Email: lboyle@uog.com Phone: (212) 842-5500	Avi Green Title: CFO Email: agreen@uog.com Phone: (212) 842-5500
Stella Pavlova Title: SVP, Production Email: spavlova@uog.com Phone: (212) 842-5500	Arthur Song Title: CEO Email: asong@uog.com Phone: (212) 842-5500


[View All](#)



Opportunities (6+) 


Activity Chatter

New Task New Event Log a Call Email

Create a task... 

Filters: All time • All activities • All types 


 

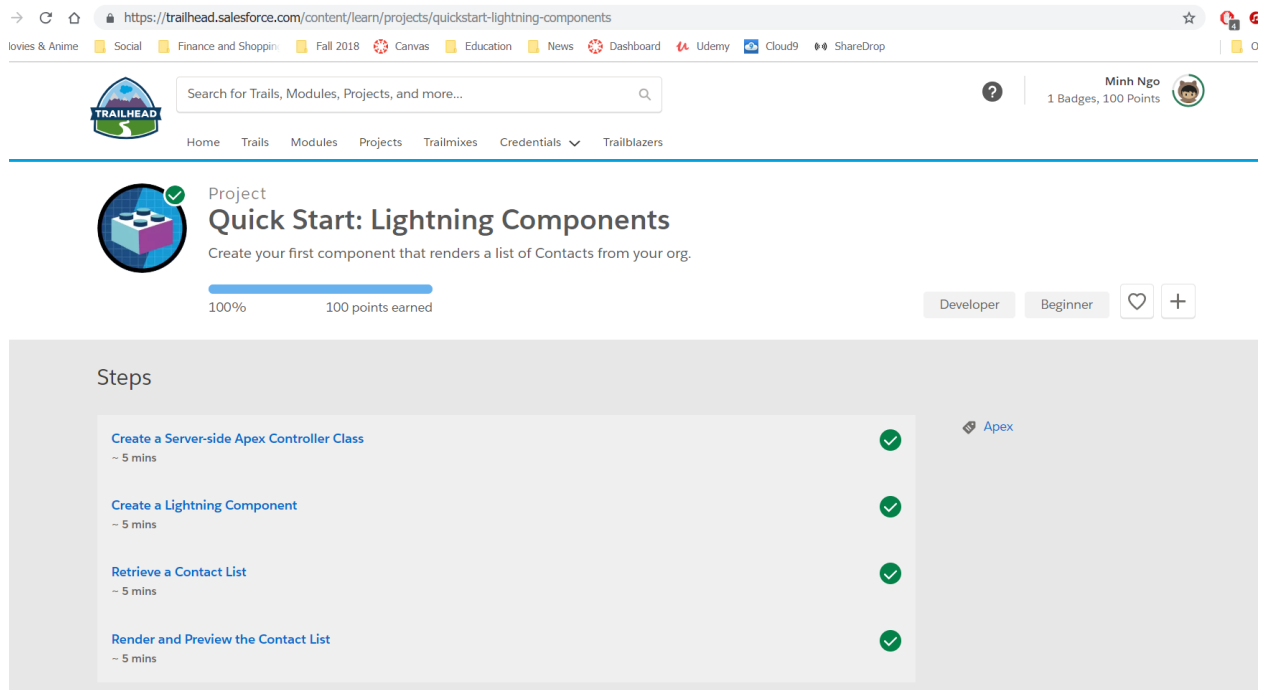
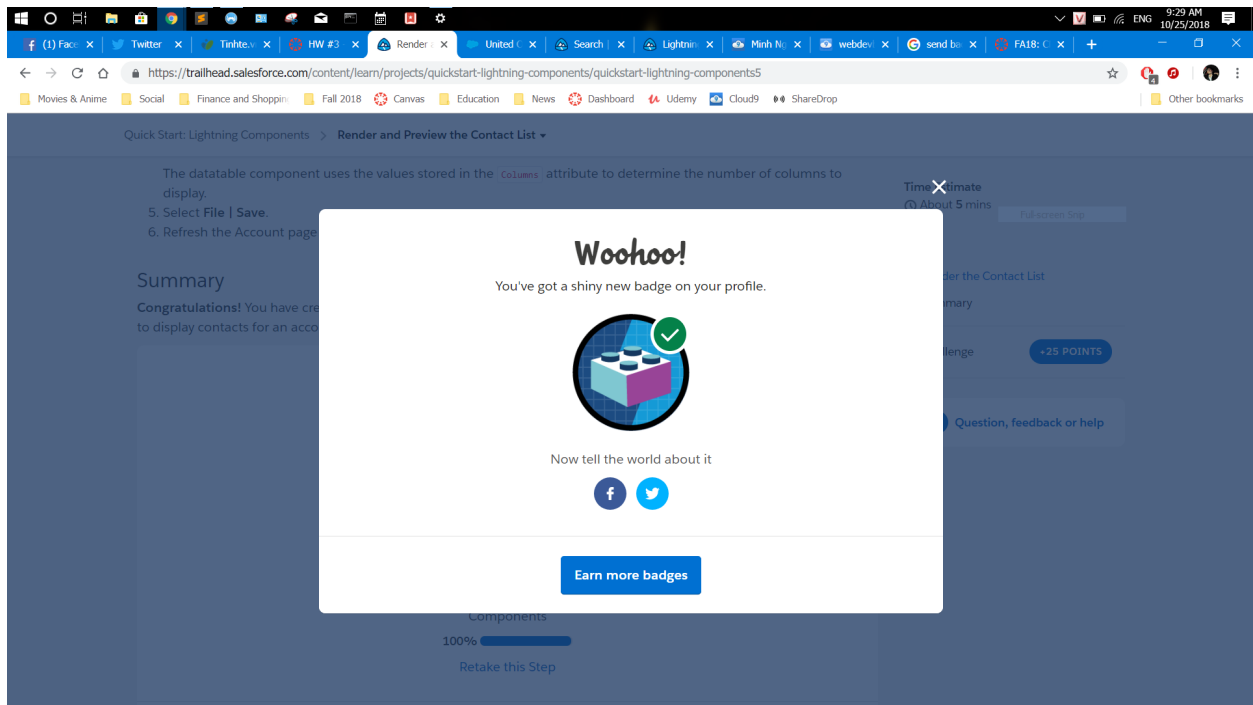
Next Steps 

No next steps. To get things moving, add a task or set up a meeting.

Past Activities

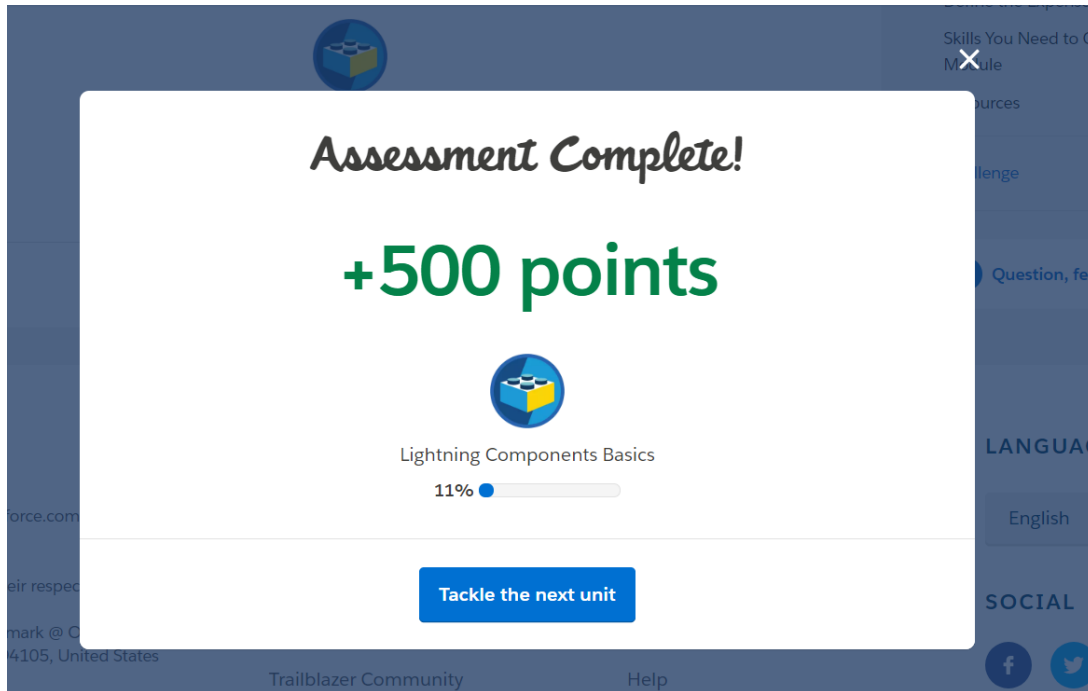
No past activity. Past meetings and tasks marked as done show up here.



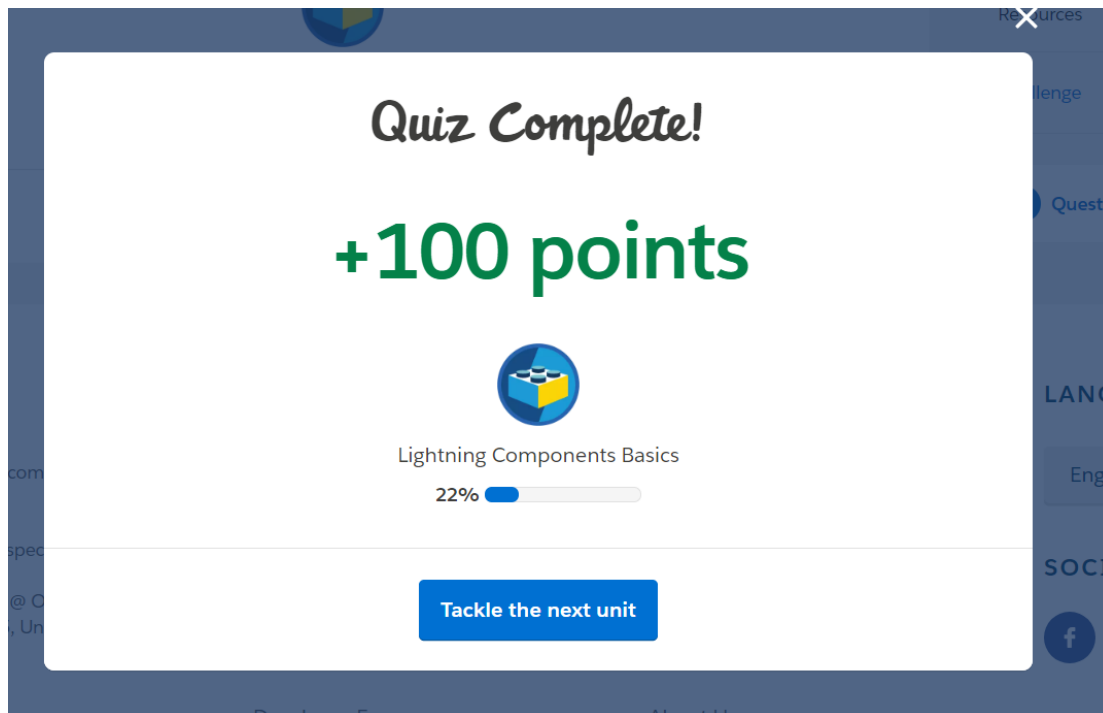


Part IV. Lightning Components Basic

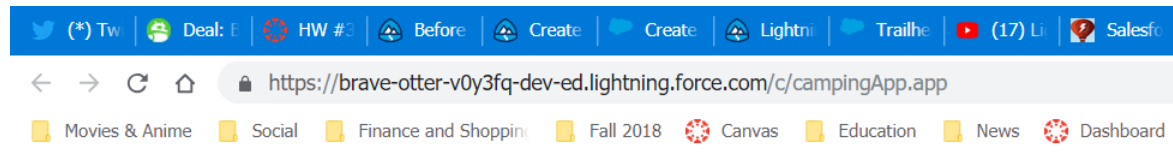
Before you start



Getting started with lightning components

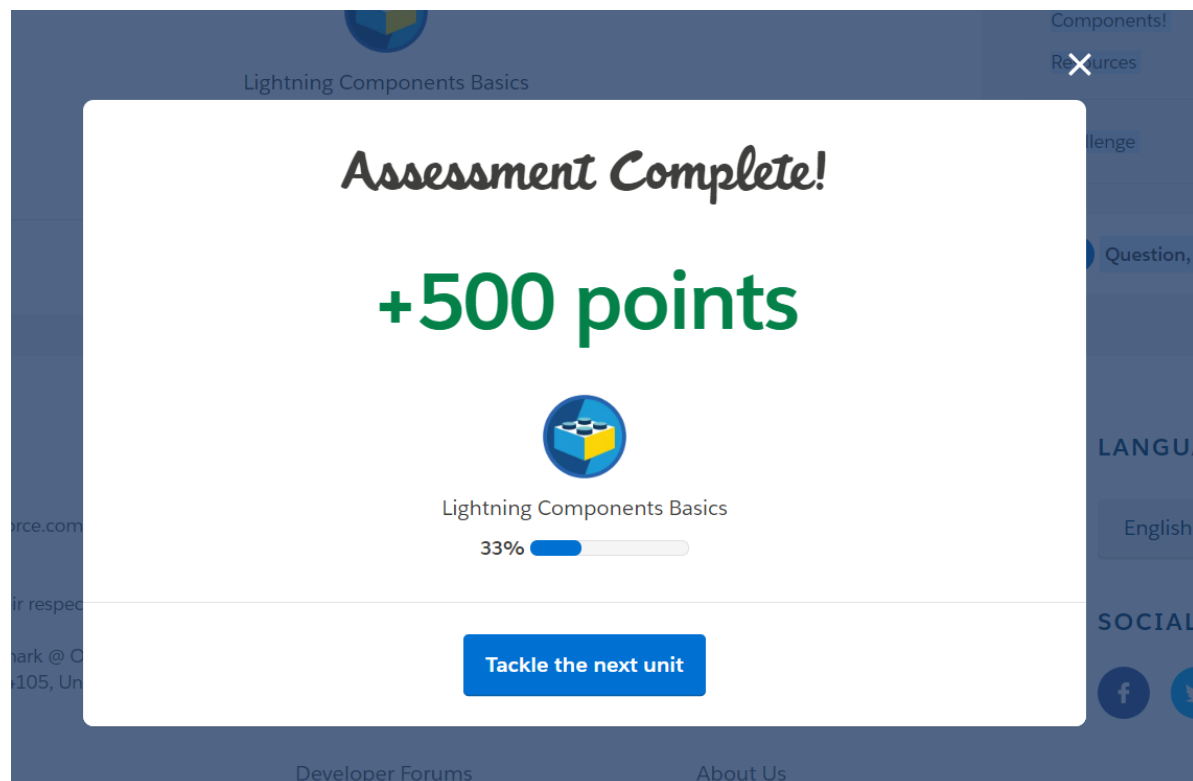


Create and edit lightning components

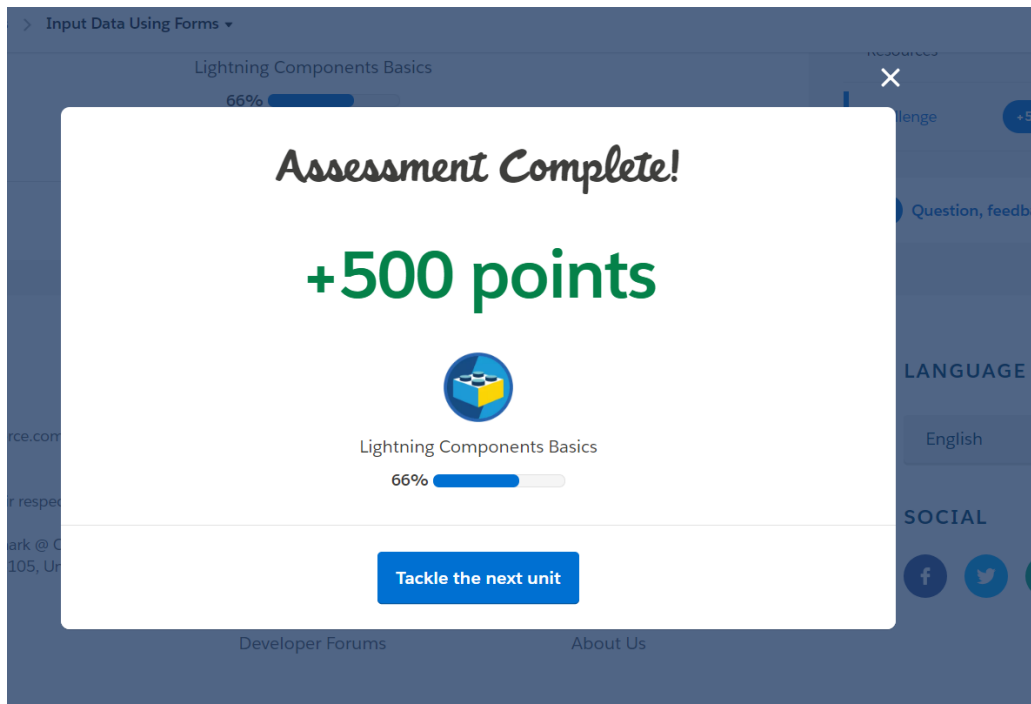
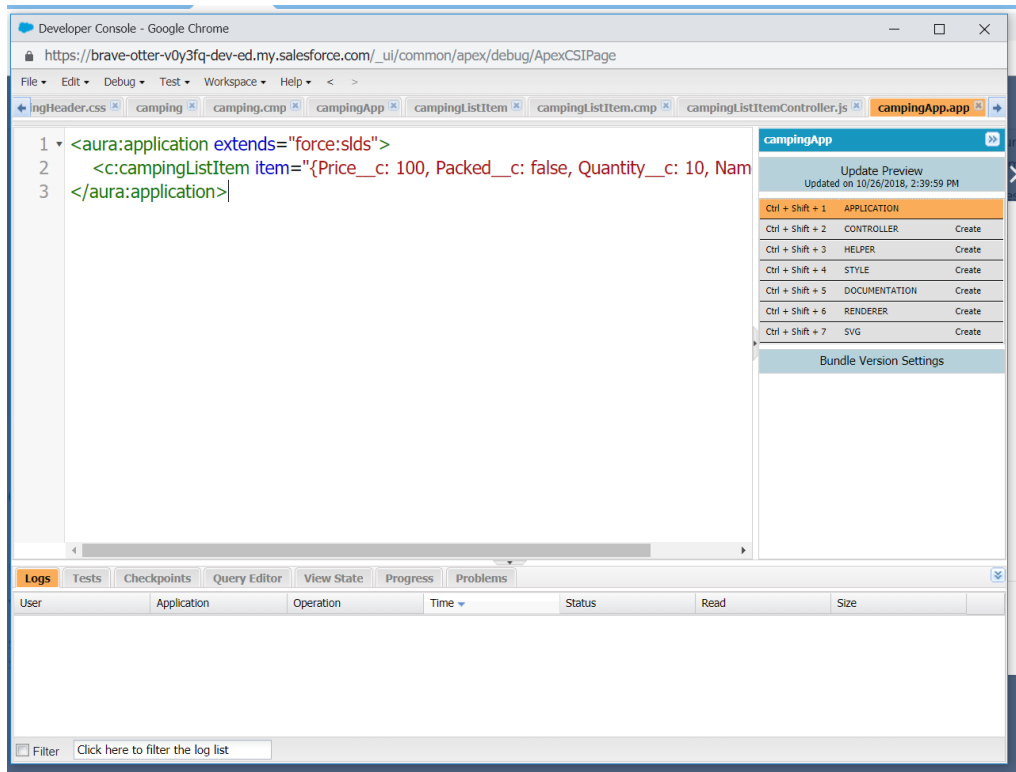


Camping List

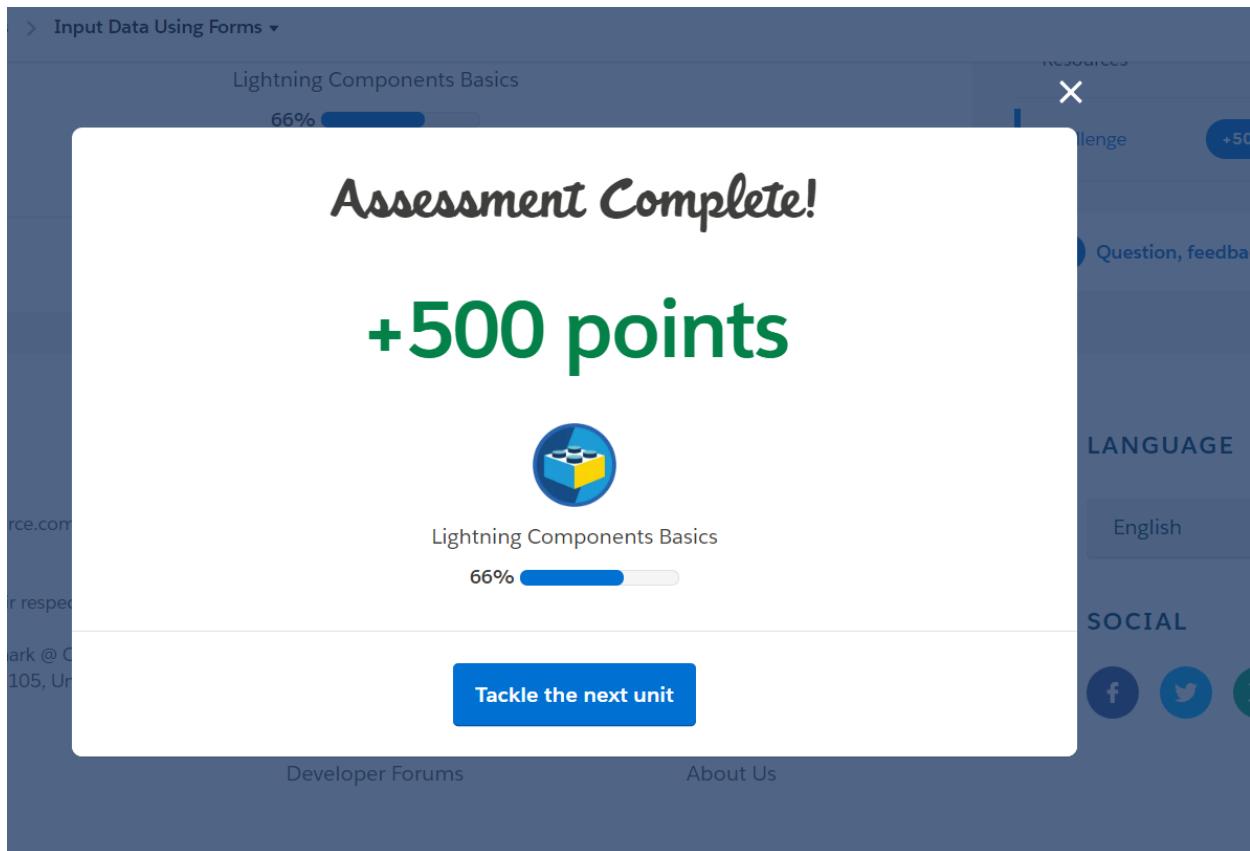
1. Bug Spray
2. Bear Repellant
3. Goat Food



Attributes and Expressions



Handle actions with controller



Input Data Using Forms


A screenshot of a web application interface. On the left, there's a form titled "CAMPING Camping List" with a flag icon. The form has a section "Add Camping Item" with three input fields: "* Name", "Quantity" (with "0" entered), and "Price" (with "\$0.00" entered). There's also a checkbox labeled "Packed ?" and a blue "Create Item" button. On the right, there's a green modal window. It has a close button (X) and a "Test" button. Below these, it displays "Name: Test", "Price: \$12.00", and "Quantity: 1". There's a "Packed" checkbox with a blue checkmark. At the bottom right of the modal is a white button with the text "Packed!".

Connect to salesforce with server-side controllers

+500 points

Assessment Complete!

+500 points



Lightning Components Basics

77%

Tackle the next unit

Handling the Server Res

As X Controllers for Ligh

Components

ng Data to Salesforce

gs to Watch Out For

ources

allenge

+5

Question, feedba

LANGUAGE

English

Salesforce Developers

Security Statement


Connect components with events

existing expense instead or creating a new one.

And, with that, we'll leave you for today. Congratulations again, and we hope you'll find fame, fortune, and excitement in your **Lightning** Components app development adventure!

Quiz Complete!

+100 points



Lightning Components Basics

100%

View more modules

The Next Step

existing expense instead of creating a new one.

And, with that, we'll leave you for today. Congratulations again, and we hope you'll find fame, fortune, and excitement in your **Lightning** Components app development adventure!

Quiz Complete!

+100 points




Lightning Components Basics

100% 


[View more modules](#)

Completion of the module



Minh Ngo
2 Badges, 3,800 Points

Home Trails Modules Projects Trailmixes Credentials Trailblazers





Module

Lightning Components Basics






Use Lightning Components to build modern web apps with reusable UI components.


100%

3700 points earned

Developer Intermediate  

Units


Before You Start ~ 10 mins	
Get Started with Lightning Components ~ 15 mins	
Create and Edit Lightning Components ~ 25 mins	
Attributes and Expressions ~ 25 mins	
Handle Actions with Controllers ~ 25 mins	

 Visualforce

Available on these trails

[Develop for Lightning Experience](#)

[Develop for Lightning Experience](#)

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