

Part 1: Shopify trial store customize test

1. Create a Shopify trial store through [this link](#).
2. Download the theme file [here](#).
3. [Upload the theme file to the Shopify store according to the instruction](#).

Upload a theme file from your computer

If you have a theme in a ZIP file on your computer, you can upload it to the [Themes](#) page in the admin.

Before you upload, make sure that your theme files are compressed into a single ZIP file.

Steps:

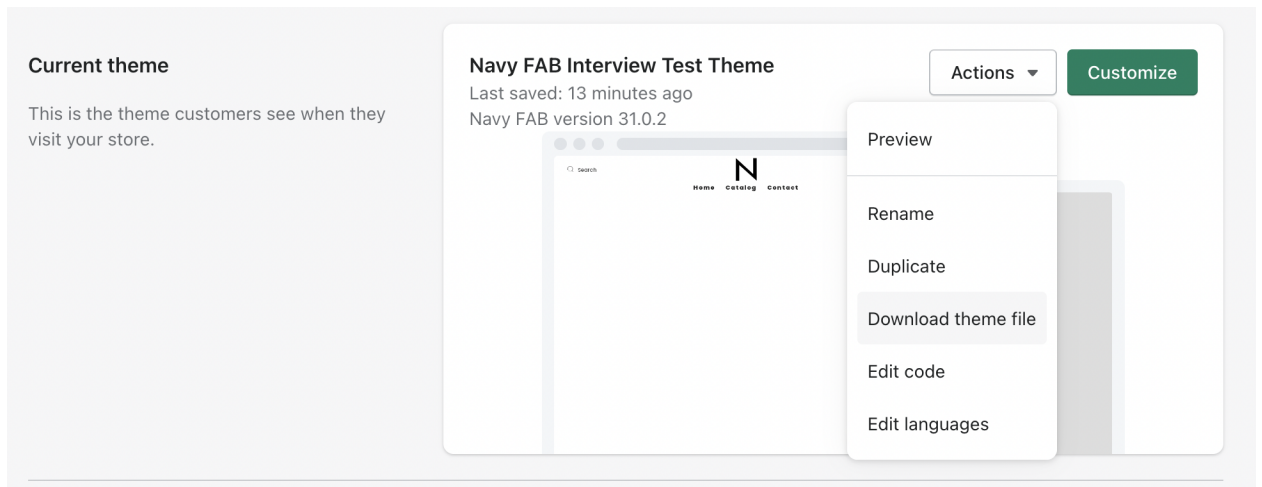
Desktop

iPhone

Android

1. From your Shopify admin, go to **Online Store > Themes**.
 2. In the **Theme library** section, click **Upload theme**.
 3. From the **Upload theme** window, click **Choose File** to select the ZIP file that you want to upload.
 4. Click **Upload**. The theme will be added to the [Themes](#) page of your admin.
4. Programming Task:
- a. Task 1: Modify the theme as below:
 - i. On all the pages/templates except the homepage, it becomes a sticky header bar. When you scroll down, the header with the background colour is fixed at the top.
Demo video:
https://drive.google.com/file/d/1iAyDfxud_gLVsTyIPvWyOogl1Uk1-XWK/view?usp=sharing
 - ii. Once the homepage is loaded, the header bar with transparent background overlays the content when the first section is a slideshow or full-width image section. This only applies to the homepage, not to other pages/templates. When you scroll down, it is a sticky header bar with the background colour.
Demo video:
https://drive.google.com/file/d/1g61tld2wW0d5Xc8Cm-00mQLky_jmvOfb/view?usp=sharing
 - b. Task 2: Modify the theme such that the sticky header bar works well when the announcement bar option is enabled.
Demo video:
https://drive.google.com/file/d/13EOHc82ITxO_jmnKLHIV5WNmzc1ioD25/view?usp=sharing

5. Download the theme code in a zip file and send it to tommyveal.business@gmail.com for review. Include the store URL and the store password ([Instructions to find the store password](#)).



Hints: If you would like to use VS Code to edit the code with hot reload theme preview, you can read this page to set up the [Shopify CLI for the theme](#).

Part 2: Shopify ReactJS-based Hydrogen framework test

Hydrogen is a React-based framework for building dynamic, Shopify-powered custom storefronts. Learn more about Hydrogen here: <https://hydrogen.shopify.dev/>

1. Download the hydrogen repo [here](#).
2. Install according to the README.
3. Choose a template: Demo Store (TypeScript)

```
success Installed "@shopify/create-hydrogen@3.3.0" with binaries:
  - create-hydrogen
✓ Name your new Hydrogen storefront · Navy FAB
✓ Choose a template · Demo Store (TypeScript)
✓ Template downloaded
✓ App initialized
  ✓ Template files parsed
  ✓ Package.json updated
✓ Installing dependencies with yarn
✓ Completed clean up
```

4. Running locally by starting a development server

Programming Task:

In the product template ([example](#)), change the left column's grid-style product image component to a **product image slideshow with thumbnails**.

Compress the code in a zip file and send it to tommyveal.business@gmail.com for review.