

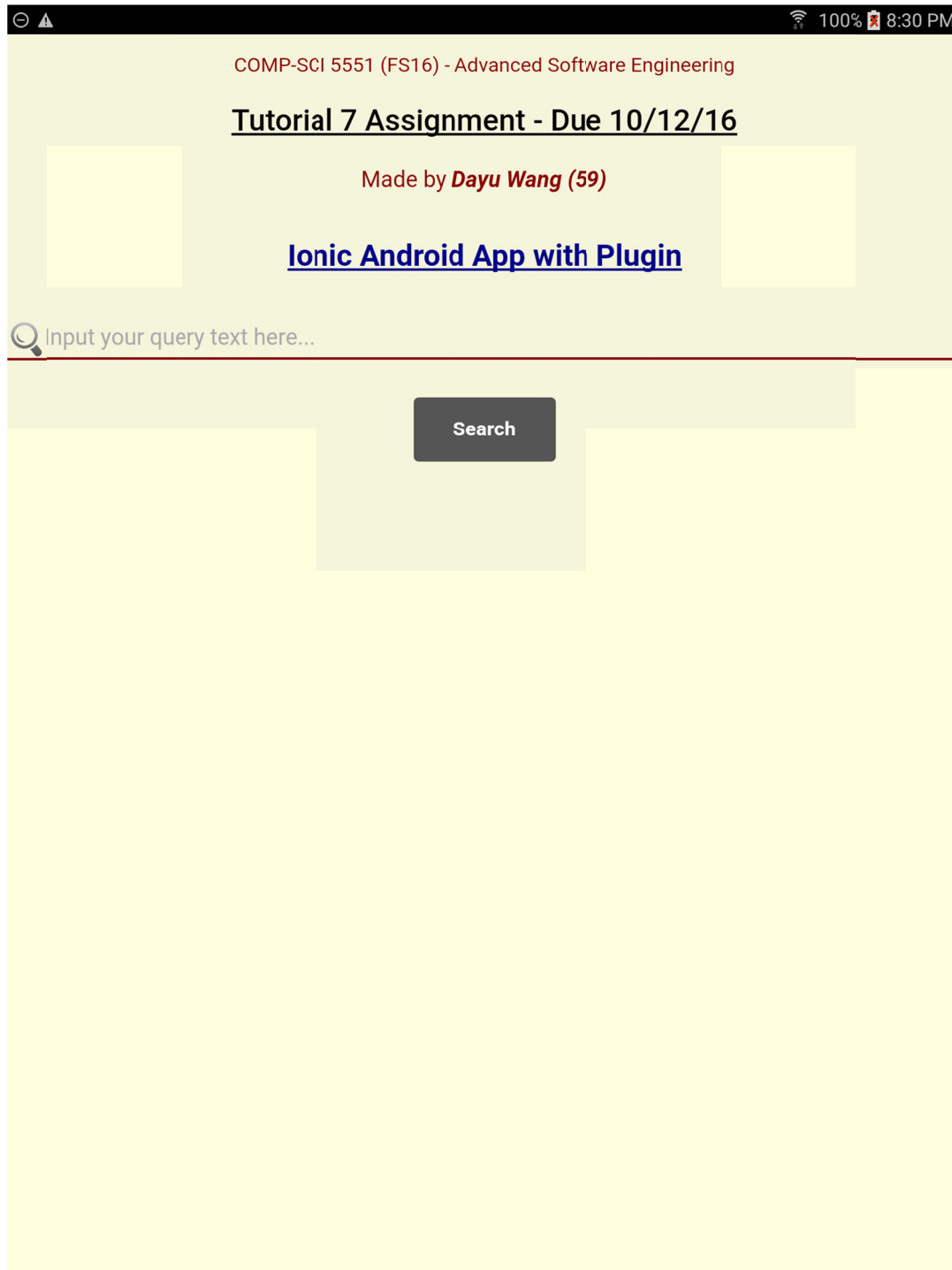
COMP-SCI 5551 (FS16) - Advanced Software Engineering

Tutorial 7 Assignment (Due 10/12/16)

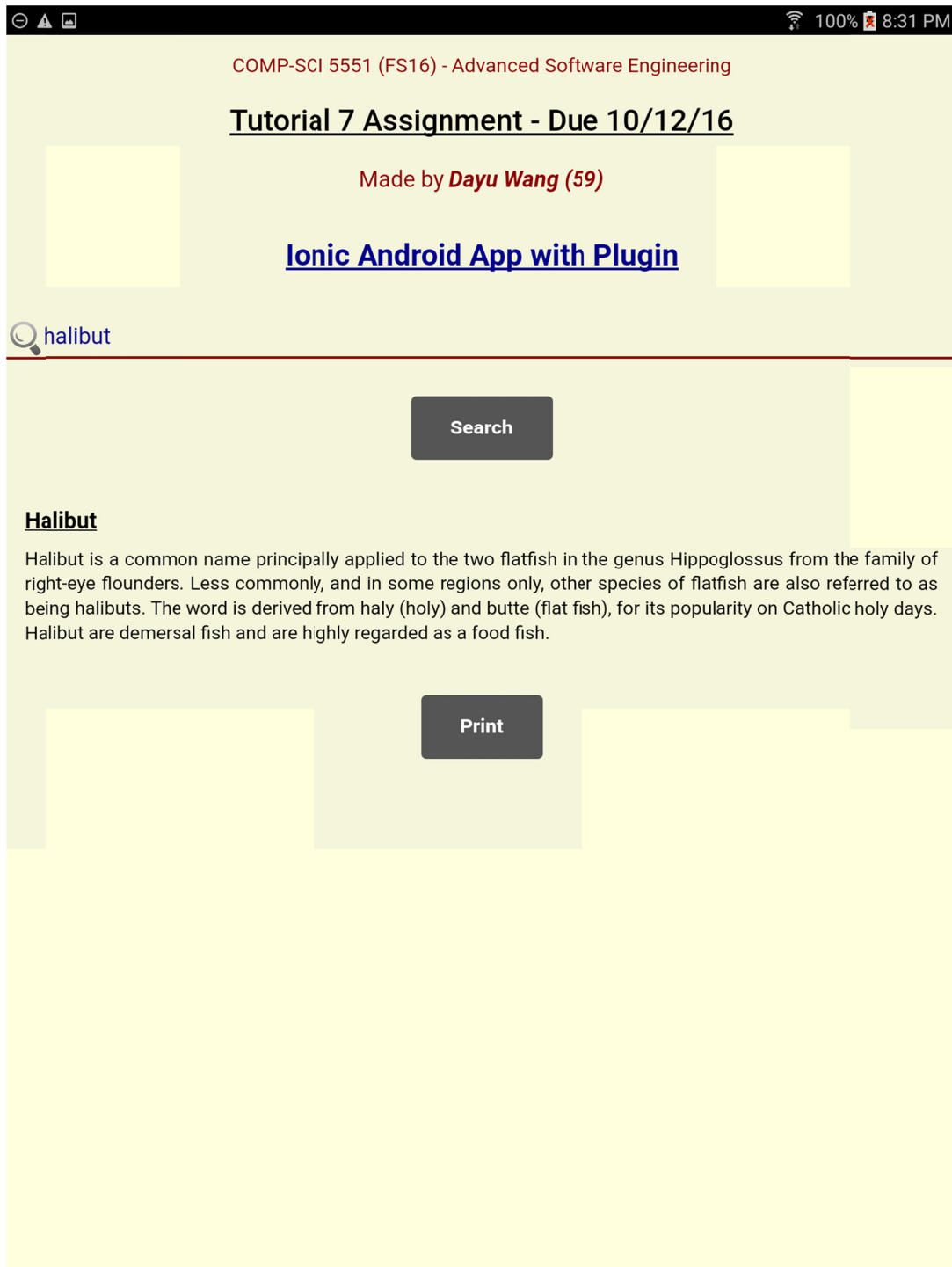
Dayu Wang (59)

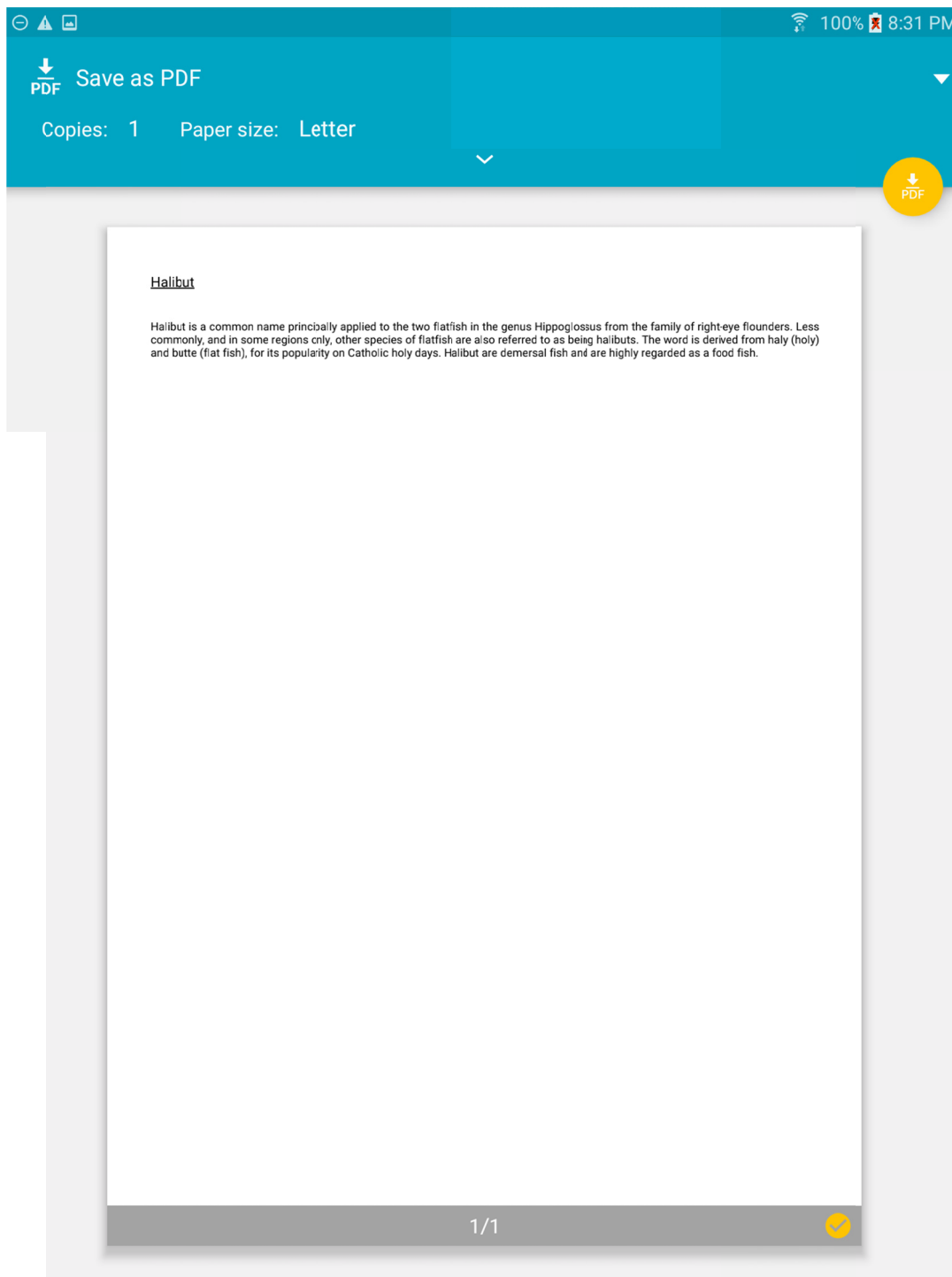
1. **Screen Shots of the Built App**

Home page - A Wikipedia introduction collector

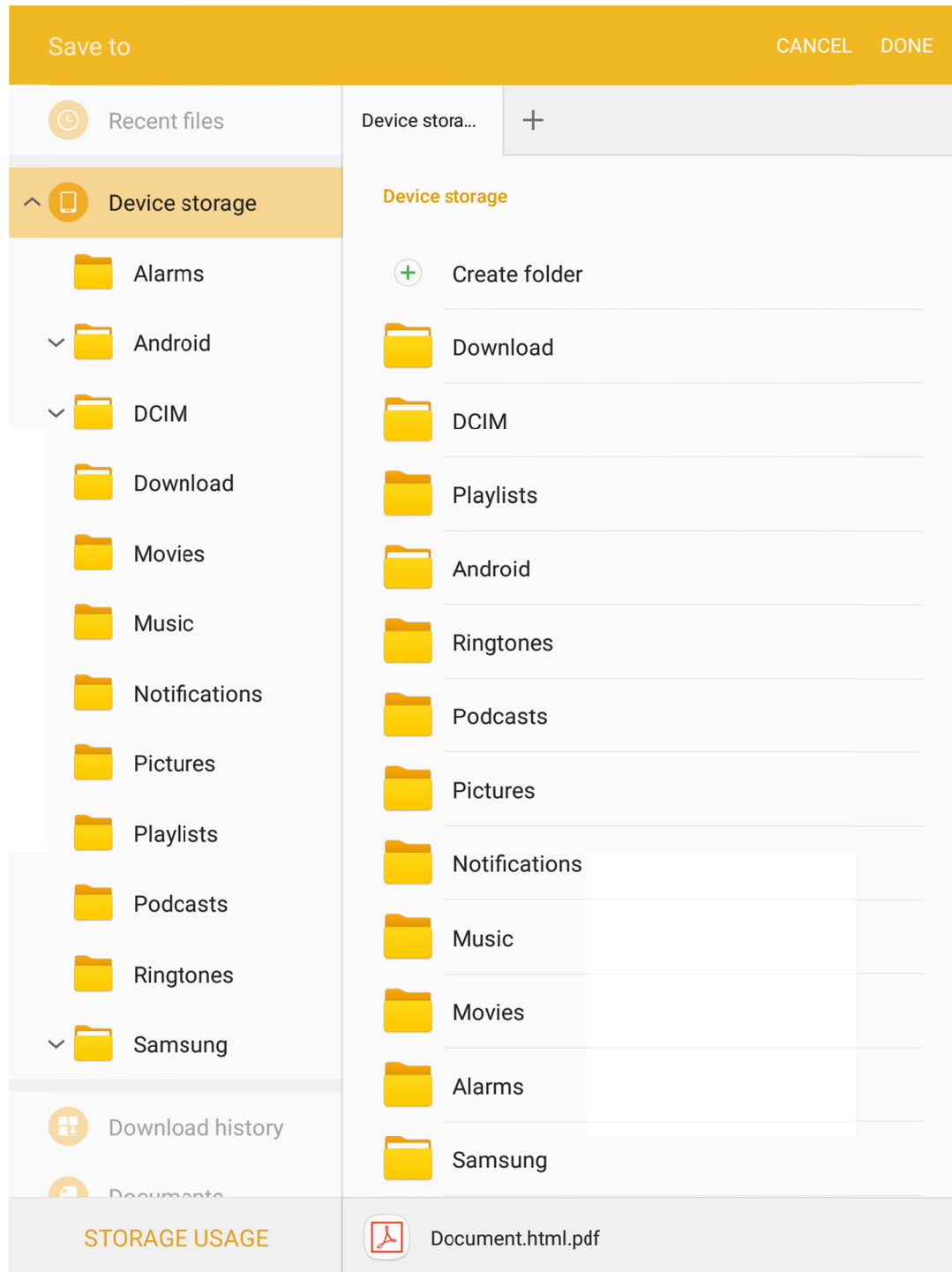


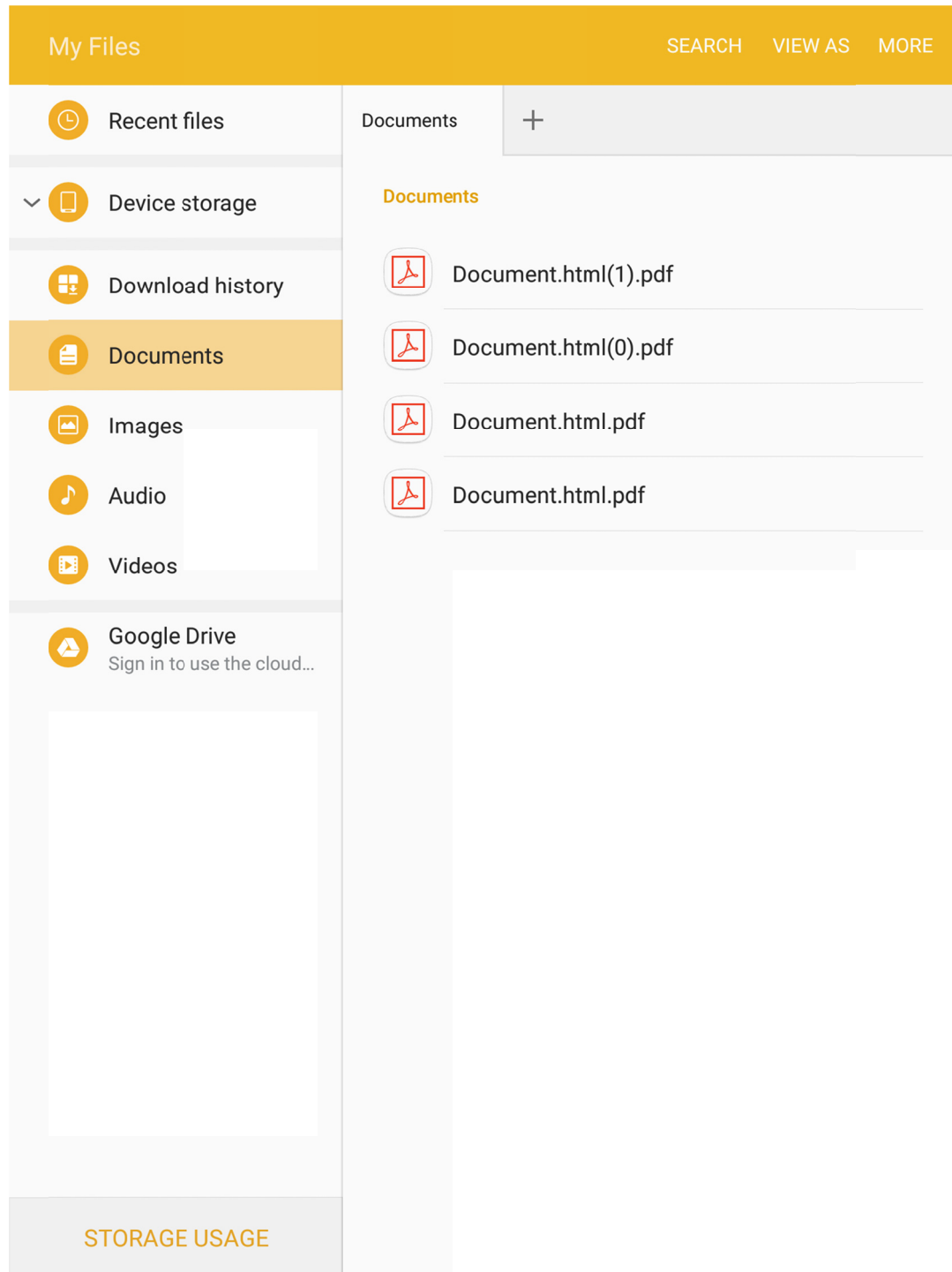
After a Query - “Print” button appears to guide the user print out the text.



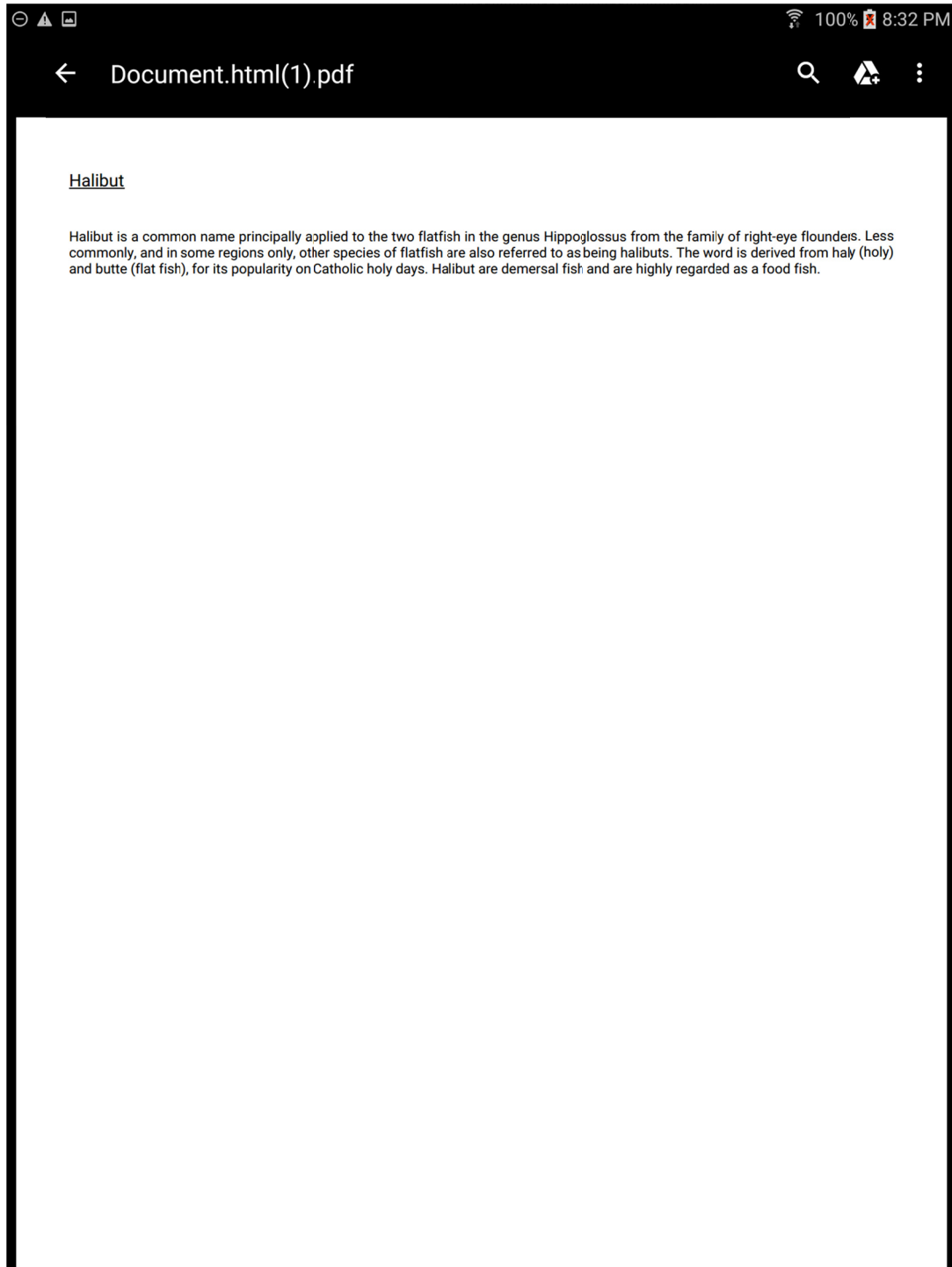
Print Preview - preview the context being printed out

Location - find a location to save the printed document



My Files - using “My Files” to find the printed document

Open the file - open the printed document for verification



2. Yslow Result - Grade **B** with Score **85**

chrome-extension://ninejcohidippngpapiinmkgllmakhy/yslow.html#1

Home **Grade** Components Statistics

Rulesets: **YSlow(V2)** Edit Help

Grade B Overall performance score 85 Ruleset applied: YSlow(V2) URL: http://127.0.0.1:12212/www/index.html

ALL (23) FILTER BY: [CONTENT \(6\)](#) | [COOKIE \(2\)](#) | [CSS \(6\)](#) | [IMAGES \(2\)](#) | [JAVASCRIPT \(4\)](#) | [SERVER \(6\)](#) [Tweet](#) [Share](#)

- A** Make fewer HTTP requests
- F** Use a Content Delivery Network (CDN)
- A** Avoid empty src or href
- F** Add Expires headers
- F** Compress components with gzip
- A** Put CSS at top
- B** Put JavaScript at bottom
- A** Avoid CSS expressions
- n/a** Make JavaScript and CSS external
- A** Reduce DNS lookups
- A** Minify JavaScript and CSS

Grade A on Make fewer HTTP requests

This page has 4 external Javascript scripts. Try combining them into one.

Decreasing the number of components on a page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Some ways to reduce the number of components include: combine files, combine multiple scripts into one script, combine multiple CSS files into one style sheet, and use CSS Sprites and image maps.

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