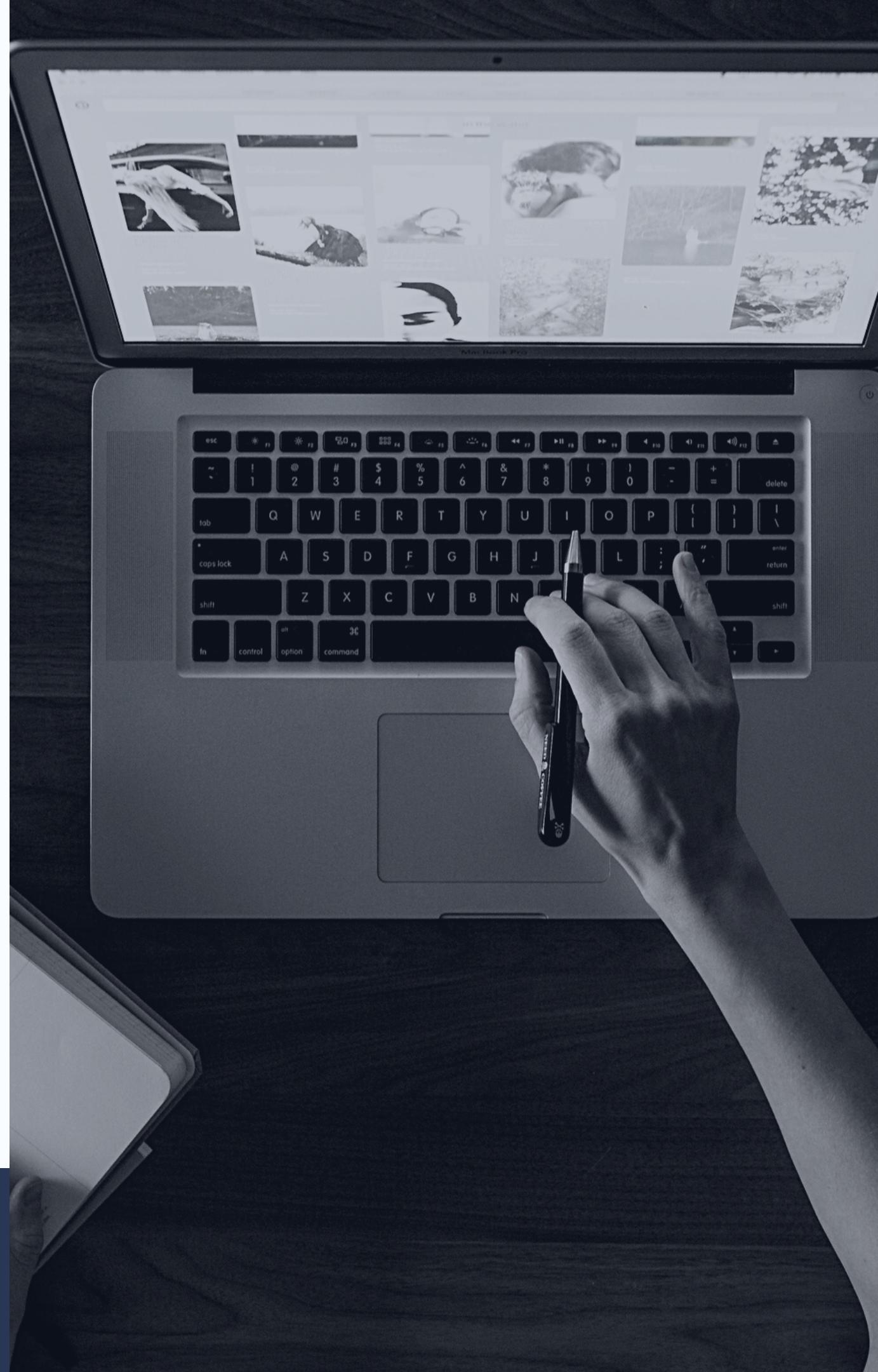


SAM HAMMOND'S ORDER APP

A Terminal App for the Post-Covid
World



HAVE YOU SEEN THE NEWS?

BREAKING NEWS

PHONE TOWERS DO CAUSE COVID

January
2021

ISSUE 35, JUN



PHONE TOWERS

RESPONSIBLE

FOR EVERY CANCER KNOWN TO HUMANKIND

*yes it's true! yes it's true! yes it's true! yes it's true!
yes it's true! yes it's true! yes it's true! yes it's true!
yes it's true! yes it's true! yes it's true! yes it's true!*

BREAKING NEWS

SMART PHONES DESTROYED!!

January
2021

ISSUE 35, JUNE



PHONE TOWERS

RESPONSIBLE

ALL SMART
PHONES TO BE
DESTROYED!

yes it's true! yes it's true! yes it's true! yes it's true!
yes it's true! yes it's true! yes it's true! yes it's true!
yes it's true! yes it's true! yes it's true! yes it's true!

All smart phones to be destroyed!All smart phones to be destroyed!All
smart phones to be destroyed!All smart phones to be destroyed!All smart
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phones to be destroyed!All smart phones to be destroyed!

MEL MEL



Today

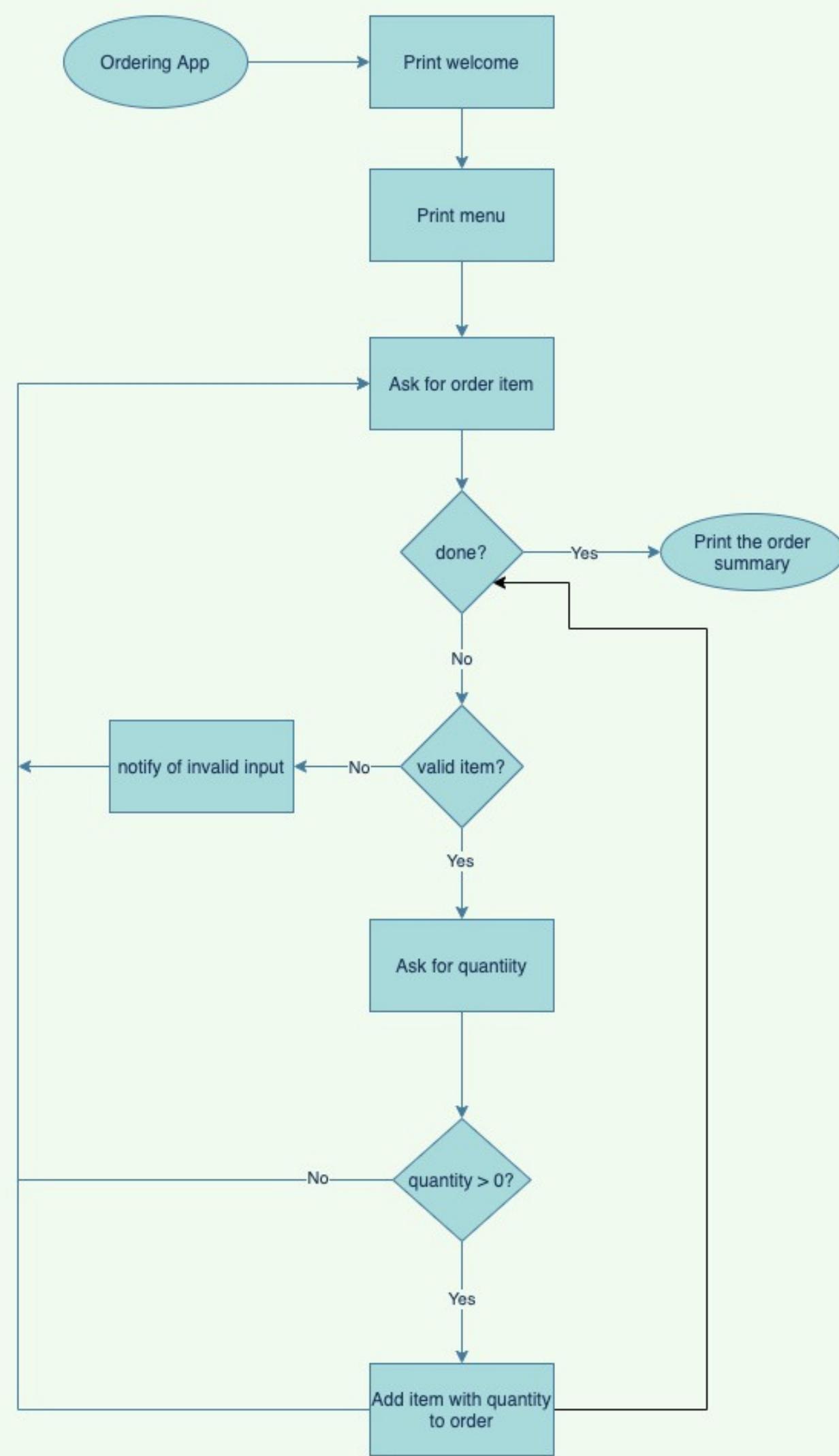
CRNS 29°



THE PROBLEM?

WHAT IF THE VIRUS
DOENS'T GO AWAY?

- People Still Want To Go Out To Pubs And Restaurants
- Governments Still Require Social Distancing Laws
- Bars and Restaurants Need to Find a Way of Taking People's Orders without human contact
- Sam's Terminal Ordering App is a Cheap, Effective Way of Ordering in this New Smart-Phoneless World We Now Live In



THE FEATURES

PRINTED OUT WELCOME & RECEIPT

The user receives a Welcome message and the menu on arrival. Your order is also calculated and printed out for the user at the end.

LOOP THROUGH MENU

The user can order multiple items at a time

ORDER STORED IN SECURE FILE

All user orders will be stored in a file for end of day cash-up.

Implementation Plan

This Trello board illustrates the implementation plan for a Terminal Ordering App, organized into five main columns: Learning, Documentation, Gems, Features/Coding, and Done.

Learning (Green):

- ARGV (Due Sep 28)
- Variable scope (Due Sep 28)
- + Add another card

Documentation (Blue):

- Software Development Plan (Due Sep 29)
- List of 3 Features (Due Sep 29)
- Outline User Interaction and Experience (Due Sep 29)
- Control Flow Chart (Due Sep 29)
- Improve Trello Board (Due Sep 29, 3/4 completed)
- Help Documentation/Instructions (Due Sep 29, 0/1 completed)
- + Add another card

Gems (Purple):

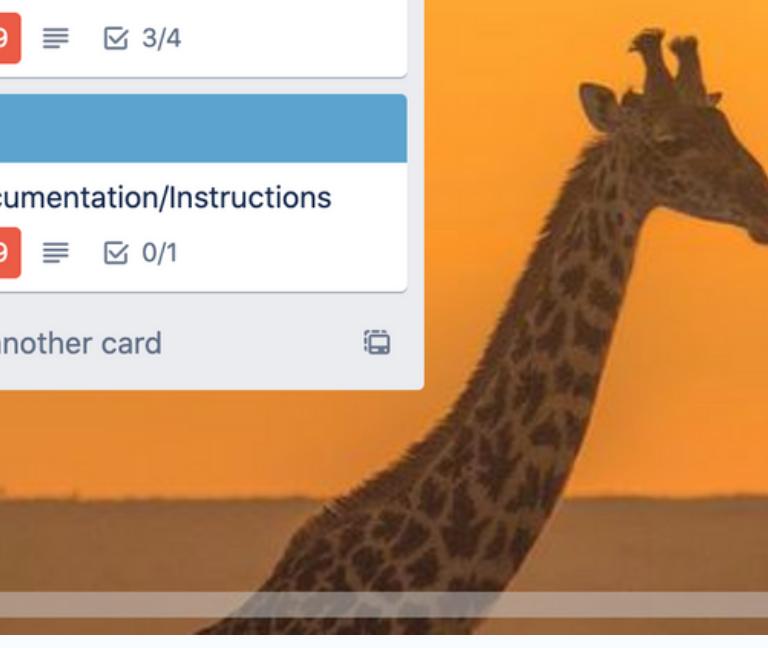
- TTY (Due Oct 2, 2/3 completed)
- Ruby Gems (Due Oct 2, 1/4 completed)
- + Add another card

Features/Coding (Dark Blue):

- Create remote repository (Due Oct 4, 1/2 completed)
- Printed out receipt of your order & total (Due Oct 2, 1/4 completed)
- Highly customisable menu (Due Oct 2, 0/4 completed)
- Store orders in a secure file for end of day cash-up (Due Oct 2, 0/4 completed)
- Pretty welcome message on Start-up (Due Oct 2, 1/4 completed)
- Loop through ordering options until User has every item wanted (Due Oct 2, 1/4 completed)
- + Add another card

Done (Green):

- Instance Variables (Due Sep 28)
- Error-Handling (Due Sep 28)
- Attr reader/writer (Due Sep 28)
- Bundle (Due Sep 29, 3/3 completed)
- How to Build a Terminal App (Due Sep 28)
- Rspec (Due Sep 29, 3/3 completed)
- Test Driven Development - Rspec (Due Sep 28)
- + Add another card



PROBLEMS OUTPUT TERMINAL ...

1: zsh

red curry	...	15.0
green curry	...	15.0
beef massaman	...	15.5
pad thai	...	12.5
pad see ew	...	12.5
pad kee mao	...	12.5
cashew nut	...	12.0
chilli basil	...	12.0
tom yum soup	...	5.0
coke	...	3.5
ice tea	...	3.5
water	...	3.0

What would you like to order? When you are finished, type 'done'
done

Total: \$48.00

samhammond@Sams-MacBook-Pro ordering-app %

master*



0 △ 0

Live Share

Ln 33, Col 4

Spaces: 4

UTF-8

LF

Ruby



ruby_ordering.rb — Terminal App

EXPLORER ⋮

> OPEN EDITORS

TERMINAL APP

- ordering-app ●
 - spec ●
 - ruby_orderin... M
 - colorize_test.rb
 - gem_test.rb
 - Gemfile
 - Gemfile.lock
 - menu_item.rb
 - menu.rb
 - order.rb
 - README.md
 - restaurant.rb
 - ruby_ordering.rb M

ruby_ordering.rb × restaurant.rb menu.rb order.rb menu_item.rb

ruby_ordering.rb

```
7   menu = {"red curry" => 15.00, "green curry" => 15.00, "beef massaman" => 15.50, "pad thai" => 12.50, "pad see ew" => 12.50, "pad kee mao" => 12.50, "cashew nut" => 12.00, "chilli basil" => 12.00, "tom yum soup" => 5.00, "coke" => 3.50, "ice tea" => 3.50, "water" => 3.00}
8   # prompt.select("What Would You Like To Order?", menu)
9
10  restaurant = Restaurant.new("Sam's New-World Thai Restaurant", menu)
11
12  puts
13  restaurant.welcome
14  puts
15  loop do
16    restaurant.print_menu
17    puts
18    puts "What would you like to order? When you are finished, type 'done'".colorize(:blue)
19    input = gets.strip.downcase
20
21    if (input == "done")
22      break
23    end
24
25    item = restaurant.menu.validate_item(input)
26    if (item)
27      puts "How many would you like?"
28      quantity = gets.to_i
29      if (quantity > 0)
30        restaurant.add_to_order(item, quantity)
31      end
32    end
33  end
34  puts
35  restaurant.print_order
```

master* ↗ 0 ⚠ 0 Live Share

Ln 33, Col 4 Spaces: 4 UTF-8 LF Ruby 🔍 🔙 🔔

Icons: Finder, Mail, Launchpad, Chrome, Discord, Calendar, Notes, Terminal, VS Code, Trash, Dashboard.

Problems

The screenshot shows the Visual Studio Code (VS Code) interface on a Mac. The title bar indicates the file is named `ruby_ordering.rb`. The code editor displays a Ruby script for a restaurant ordering system. The terminal below shows the application running, displaying a menu of Thai dishes.

Code Editor:

```
ruby_ordering.rb — Terminal App
ruby_ordering.rb X ruby_ordering_spec.rb menu_item.rb restaurant.rb menu.rb order.rb ⌂ ⌚ ...
```

```
ordering-app > ruby_ordering.rb
see ew" => 12.50, "pad kee mao" => 12.50, "cashew nut" => 12.00, "chilli basil" => 12.00, "tom yum soup" =>
5.00, "coke" => 3.50, "ice tea" => 3.50, "water" => 3.00}
8 | prompt.select("What Would You Like To Order?", menu)
9 |
10 restaurant = Restaurant.new("Sam's New-World Thai Restaurant", menu)
11
```

Terminal Output:

```
samhammond@Sams-MacBook-Pro ordering-app % ruby ruby_ordering.rb
What Would You Like To Order? (Press ↑/↓/←/→ arrow to move and Enter to select)
▶ red curry
green curry
beef massaman
pad thai
pad see ew
pad kee mao
```

VS Code Status Bar:

- master*
- 0 0 △ 0
- Live Share
- Ln 10, Col 53
- Spaces: 4
- UTF-8
- LF
- Ruby
- 1

Mac OS Dock:

The dock contains the following icons: Finder, Mail, Safari, Google Chrome, iMessage, Calendar, Notes, VS Code, Terminal, Photos, Quick Look, Trash, and System Preferences.