Terminal Application

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The Benefit of Sushi Ordering App

- Customers are able to order sushi
- It helps staff shortage
- It prevents Covid-19

Main Features of the App

- Customers are able to order sushi from the list and check up
- 10% discount applies when more than 3 sushi are bought
- Complimentary Miso soup or Hot green tea when 3 > sushi
- Complimentary condiments
- Display the total cost and items when check up

Flow chart

```
Display welcoming messages
and order menu
                │
                ▼
Order sushi from the list
                │
                ▼
           Confirm the
             order
    NO │            │ Yes
                    ▼
Check out and display total
price and items
```

Print message - Irassyaimase!! Welcome to Yoko's Sushi. What would you like? if you buy more than 3 sushi, you'll get 10%discount and complimentary miso soup or hot green tea. We also have complimentary soy sauce, chili sauce, wasabi and ginger. Here's the the list of what we can offer.

- vegetarian sushi (Avocado, Tempura Vege, Avocado & Cucumber)
- seafood sushi (salmon & avocado, tuna & avocado, prawn avocado)
- meat sushi (teriyaki chicken & avocado, crispy chicken, teriyaki beef)
- miso soup
- hot green tea

Input on terminal - (i.e.) Tuna avocado, salmon avocado, tempura vegetable and miso soup

Print message - So your order is Tuna avocado, salmon avocado, tempura vegetable and miso soup. Is it correct?

Yes or No?
If yes, proceed to the next step.
If no, go back to the list.

No

Yes

Your order is Tuna avocado, salmon avocado, tempura vegetable and complimentary miso soup. $12 plus 10% discount. Thank you for choosing Yoko's sushi. I hope to see you again.

Challenges, favourite parts and ethical issues

Challenges

- Coding itself
- How to use classes
- Time management with other commitments

Favourite parts

- Putting my idea into practice
- Sharing challenges with classmates

Ethical issues

My app idea is referred to the shop I actually work, so I might need permission to put this into the world.

Overview of my coding

```ruby
require 'tty-prompt'
prompt = TTY::Prompt.new

class Sushi
  attr_reader :name, :price

  def initialize(name, price)
    @name = name
    @price = price
  end

  def to_s
    return "#{name} is $#{price}."
  end
end
```

- Utilised Ruby Gem : "tty-prompt"
- Defined Sushi class

```ruby
vegetarian_sushi = [Sushi.new("Avocado", 4), Sushi.new("Tempura Vegetable", 4), Sushi.new("Avocado & Cucumber", 4)]
seafood_sushi = [Sushi.new("Salmon & Avocado", 4), Sushi.new("Tuna & Avocado", 4), Sushi.new("Prawn & Avocado", 4)]
meat_sushi = [Sushi.new("Teriyaki chicken & Avocado", 4), Sushi.new("Crispy chicken", 4), Sushi.new("Teriyaki beef",
hot_menu = [Sushi.new("Miso soup", 2), Sushi.new("Green tea", 2)]


puts "Irassyaimase! Welcome to Yoko's Sushi. What is your name?"
name = gets.chomp
puts "Hello, #{name}. How can I help you today?"
puts "We have variety of sushi. If you buy 3 sushi then you will get 10% discount and free miso soup or hot green tea
puts "Each sushi costs $4 and hot menus for $2. Here are our menus"


choices = %w(vegetarian\ sushi seafood\ sushi meat\ sushi drinks)
selection = prompt.multi_select("Select drinks?", choices)  # returns array
```
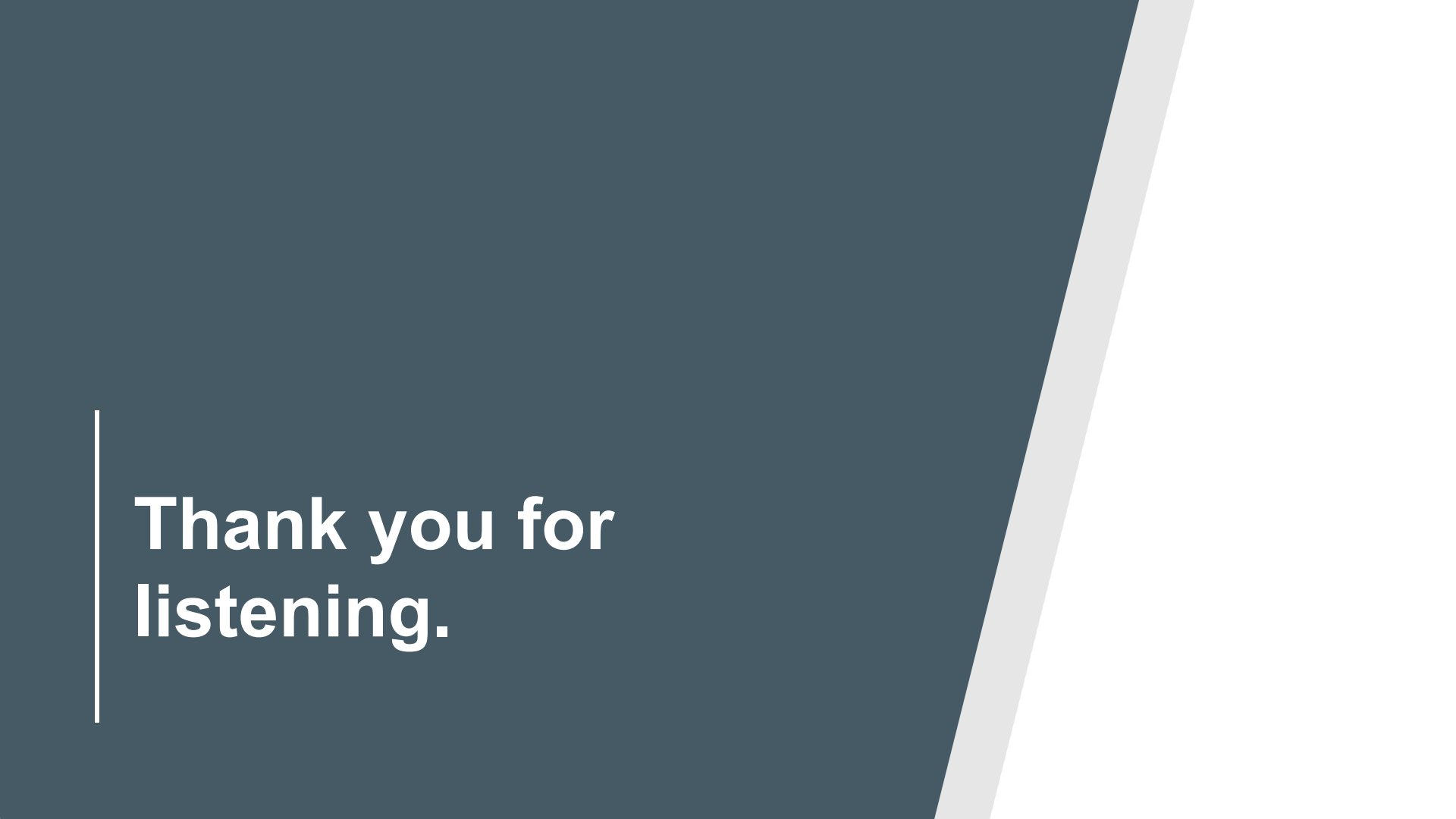
- Display Menu
- Display welcoming messages and lowdown of the system

```ruby
selection.each do |s|
  case s
    when "vegetarian sushi"
    # puts "vege"
      vegetarian_sushi.each do |vege|
        puts vege
      end
    when "seafood sushi"
      seafood_sushi.each do |seafood|
        puts seafood
      end
  end
end
```

It loops menu until customer exit

Thank you for listening.