

# Flaluke Pizza Restaurant

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2026-01-11

```
order_pizza <- function() {
  print("Hi")
  u_name <- readline("What's your name? ")

  menu <- list(
    "pepperoni" = 299,
    "hawaiian" = 279,
    "seafood" = 349,
    "margheita" = 259
  )
  recommended_menu <- "pepperoni"
  sold_out_menu <- c("mushroom truffle", "garlic bread")
  promotion_name <- "coke 1.5 L"
  promotion_price <- 45

  order_list <- c()
  total_price <- 0

  print(paste0("Welcome to fla_luke pizza online restaurant, ", u_name, "!"))
  print("----")
  print("pizza menu with prices:")
  for (item in names(menu)) {
    print(paste0("- ", item, " (price: ", menu[[item]], " baht )"))
  }
  print(paste0("Today's recommended menu: ", recommended_menu))
  print(paste0("Today's menu that is sold out is: ", paste(sold_out_menu, collapse = ", ")))
  print("----")
  print("Type the menu name to order, or type 'finish' when you're done ordering")

  while(TRUE) {
    order_input <- readline("What would you like to have? (or type 'finish'): ")

    if (tolower(order_input) == "finish") {
      if (length(order_list) == 0) {
        print("Please order at least one menu before 'finish'")
        next
      }
      break
    }

    if (order_input %in% names(menu)) {
      order_list <- c(order_list, order_input)
    }
  }
}
```

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    total_price <- total_price + menu[[order_input]]
    print(paste0("Add ", order_input, " to the order list | Total: ", total_price, " baht"))
  } else {
    print("Sorry, the menu you ordered is not listed. Please type the correct menu name or 'finish'")
  }
}

eat_option <- ""
while(TRUE) {
  eat_option_raw <- tolower(readline("Do you want to 'dine-in' (d) or 'take out' (t)?: "))

  if (eat_option_raw == "d") {
    eat_option <- "dine-in"
    break
  } else if (eat_option_raw == "t") {
    eat_option <- "take out"
    break
  } else {
    print("Please type d for dine-in or t for take out.")
  }
}

current_total <- total_price
print("----")
print("Your order list:")
print(paste("-", order_list, collapse = " "))

print(paste0("option: ", eat_option))
print(paste0("Current total: ", current_total, " baht"))

promo_choice <- tolower(readline(paste0("Get promotion ", promotion_name, " Add to price ", promotion_price)))

final_total <- current_total

if (promo_choice == "y") {
  final_total <- current_total + promotion_price
  print(paste0("Thank you for accepting the promotion ", promotion_name, "! add money ", promotion_price))
} else {
  print("Nevermind")
}

print("----")
print("***Payment summary**")
print(paste0("Includes pizza price: ", current_total, " baht"))
if (promo_choice == "y") {
  print(paste0("promotion ", promotion_name, ": ", promotion_price, " baht"))
}
print(paste0("Total amount: **", final_total, " baht**"))
print("Thank you for using our service! See you again.")
}

##
## **--- Simulate code execution ---**
## Hi

```

```
## What's your name? >> [assume: Noon]
## Welcome to fla_luke pizza online restaurant, Noon!
## ... (Menu Details) ...
##
## What would you like to have? >> pepperoni
## Add pepperoni to the order list | Total: 299 baht
## What would you like to have? >> hawaiian
## Add hawaiian to the order list | Total: 578 baht
## What would you like to have? >> finish
##
## Do you want to 'dine-in' (d) or 'take out' (t)? : >> d
## Get promotion coke 1.5 L Add to price 45 baht or not? >> y
##
## ---
## **Payment summary**
## Includes pizza price: 578 baht
## promotion coke 1.5 L: 45 baht
## Total amount: **623 baht**
```