**Pseudocode:**

Display prompt asking which service the user would like to schedule

Input service choice

Switch case:

if 1, create object to access method for hygienic service

if 2, create object to access method for style service

if 3, create object to access method for therapeutic service

In corresponding service method:

* create text file for receipt printing
* if therapeutic service, create object to access arthritic add-on method

in arthritic add-on method:

* + display prompt asking if pet has arthritis
  + input int answer (1 yes, 2 no)
  + do-while loop while input is < 1 or input is > 2, loop until valid input is provided
  + if input is yes, display prompt asking if user would like arthritis treatment
  + input int answer (1 yes, 2 no)
  + do-while loop while input is < 1 or input is > 2, loop until valid input is provided
  + if yes, print arthritic treatment cost to receipt
  + if input is < 1 or input is > 2, display error message
  + do-while loop while input is < 1 or input is > 2, loop until valid input is provided

(back in service method)

* display prompt asking what corresponding service the user wants to schedule
* display service options using for loop and array
* input answer
* if 1, display service choice 1 and service cost
  + print user’s service choice to receipt
  + create object to access appointment scheduling method
* if 2, display service choice 1 and service cost
  + print user’s service choice to receipt
  + create object to access appointment scheduling method
* if 3, display service choice 1 and service cost
  + print user’s service choice to receipt
  + create object to access appointment scheduling method

in appointment scheduling method:

* + display prompt asking what day the user wants to schedule their appointment
  + input day
  + do-while loop while input is < 1 or input is > 28, loop until valid input is provided
  + display prompt asking what time the user wants to schedule their appointment
  + input time
  + do-while loop while input is < 1 or input is > 8, loop until valid input is provided
  + display user’s appointment day and time
  + print user’s appointment day and time to receipt
  + print date order was made to receipt

(back in main)

display thank you message

create object to access method that prints thank you message to receipt

in thank you message method:

* print thank you message to receipt