Interface file:

Include in package

Public interface

Method called welcome

Method called MakeAppointment

Method called Info

Main Program file:

Start Class that implements the interface

Private class attributes that hold customer information

Private class attributes that holds the appointment date and time

Private class attributes that holds the total of the customer’s order

Array that holds item prices

Constructor

SET customer info to blanks

Accessors for customer information

Return customer information

Accessors for date and time

Return date and time

Accessors for total

Return order’s total

Interface method welcome

Display the welcome text for program and options

Interface method MakeAppointment

BEGIN

SHOW prompt for date

READ user input for date

SHOW prompt for time

READ user input for time

IF time is before 12pm or after 8pm

SHOW Appointment can only be made between 12pm and 8pm

ELSE

SHOW the appointment is confirmed to be “date” at “time”

END

Class method called service

BEGIN

Choice variable

DO

SHOW menu with a full list of items and their prices

IF choice is in between 1 and 4

Total += price[i]

ELSE IF choice != 5

SHOW invalid choice

WHILE

Choice !=5

SHOW your total is: total

END

Instance method info

BEGIN

SHOW prompt for name

READ user input for name

SHOW prompt for phone number

READ user input for phone

SHOW prompt email

READ user input for email

SHOW prompt dog’s name

READ user input for dog’s name

END

DRIVER CLASS

BEGIN

Create object of class

Call: welcome

Create variable choice to store user’s input

INPUT choice

CASE 1

Call: MakeAppointment

Call: info

Call: Service

SHOW Loading Order Summary

Create a text file to hold order summary

BEGIN

SHOW DogSpa

GET Customer Name

GET Dog name

GET Appointment Date and Time

GET Total

END

CASE 2:

SHOW goodbye

DEFAULT

SHOW invalid option

END