#Computer services business calendar

IMPORT calendar, customerinfo

from datetime IMPORT date

#program greeting the user

OUTPUT('\n\t\t\t\t### Welcome to business booking calendar program. ### \n')

OUTPUT('1. Please fill out all necessary information FOR the technician to better contact you FOR support.')

#Collect user's choice of service 1 through 4.

OUTPUT('\n2. Which type of service are you interested in? - ')

SET service\_choice TO int(INPUT('Enter 1 FOR Computer Repairs, 2 FOR Networking, 3 FOR Data backup, \ 4 FOR general support: '))

#locally defined functions FOR user options

DEFINE FUNCTION repairs():

RETURN "Repairs"

DEFINE FUNCTION networking():

RETURN "Networking"

DEFINE FUNCTION backup():

RETURN "Backup"

DEFINE FUNCTION support():

RETURN "General Support"

DEFINE FUNCTION default():

RETURN "Incorrect service."

#choice helper

SET switcher TO {

1: repairs,

2: networking,

3: backup,

4: support

}

#locally defined function

DEFINE FUNCTION switch(service):

RETURN switcher.get(service, default) ()

#output to user their choice of service

OUTPUT("\nYou've chosen -> ",switch(service\_choice))

#append the above information entered by user to user's appointment file

SET file TO open('customerinfo.txt', 'w')

file.write("\nYou've chosen " + switch(service\_choice) + ' as service.')

file.close()

OUTPUT('\nThe above information you entered has been appended to your file... ')

#start collecting user information FOR appointment. This information will be added to the user's appointment file.

OUTPUT("\n3. Please answer the following questions FOR your appointment!")

SET name TO INPUT('Enter your name: ')

SET home\_number TO INPUT('Enter your home number: ')

SET street\_name TO INPUT('Enter your street name: ')

SET city\_name TO INPUT('Enter your city name: ')

SET phone TO INPUT('Enter your phone number: ')

#refers to custom customerinfo.py file

customerinfo.check\_name(name)

customerinfo.check\_home\_number(home\_number)

customerinfo.check\_street\_name(street\_name)

customerinfo.check\_city\_name(city\_name)

customerinfo.check\_phone(phone)

customerinfo.store\_info(name, home\_number, street\_name, city\_name, phone)

OUTPUT('Thank you!')

#output today's date FOR the user

SET today TO date.today()

OUTPUT("\nToday's date is: ", today)

#collect more user information such as month, day of month and time FOR appointment

#Collect user's choice of month FOR appointment:

SET calendar.month\_name TO INPUT('\nWhich month are you available? - ')

OUTPUT(calendar.month\_name)

SET #calendar.day\_name TO INPUT('\nWhich day are you available? - ')

#OUTPUT(calendar.day\_name)

SET calendar.monthdayscalendar TO INPUT('\nWhich date works FOR you? - ')

OUTPUT(calendar.monthdayscalendar)

SET calendar.timegm TO INPUT('\nWhich time are you available? - ')

OUTPUT(calendar.timegm)

OUTPUT('Here is the month/day/time you booked: - ', calendar.month\_name, calendar.monthdayscalendar, calendar.timegm)

#append the above information entered by user to user's appointment file

SET file TO open('customerinfo.txt', 'a+')

file.write('\nThis is the date of the appointment: ')

file.write(calendar.month\_name + '-' + calendar.monthdayscalendar + '- ' + calendar.timegm + '.')

file.close()

OUTPUT('\nThe above information you entered has been appended to your file... ')