**Holiday Manager**

Pseudocode

create holidayList and holiday class

get holidays json file

assign each holiday to an object

create holidayList object

fill it with holiday objects

read holidays from https://www.timeanddate.com/holidays/us/ (2020-2024)

assign each holiday to an object

append the holiday objects to the holidayList object

update the holidays json file

set user exited to be false

while the user exited is false

print menu options

get user menu option choice

if menu option is ‘add a holiday’

while incorrect holiday name

get holiday name

check if blank

while incorrect date

get date

check if correct format ‘yyyy-mm-dd’

check if yyyy, mm, and dd are in correct range

if holiday doesn’t exist

assign holiday to an object

append holiday object to holidayList object

print success message

else

print ‘duplicate holiday’ message

else if menu option is ‘remove a holiday’

while incorrect year

get holiday year (option for all)

while incorrect holiday name

get holiday name

check if name exists for year

if holiday name exists

remove all holiday objects with that name from holidayList object

else

print ‘not found’ message

else if menu option is ‘save holiday list’

while incorrect choice

get user y/n choice

if y

update json file to match holidayList object

else if menu option is ‘view holidays’

while incorrect year

get user year

check if in range of 1500-2500

while incorrect week

get user week

check if in range of 1-52

while incorrect weather choice

get user y/n choice

if y

while incorrect location

get user location

for each holiday in designated year and week

if weather n

print holiday, and date

else if weather y

get weather forecast for date at location

print holiday, date, and weather

else if menu option is ‘exit’

while incorrect choice

get user y/n choice

if y

set user exited to be true