

dataclasses /

class Holiday (self, date, name) ^{iso str}

date = datetime.date (date)

name = str

years

✓
 2021
list [Holiday1, Holiday2 ...]
2022
list [~~~~~]
2023
list [~~~~~]
2024
... ..

• faster search
by year

loop 30 vs
loop 90,000!

→ list[0] can be the year

vs

✗ list [all Holidays]

Navigating Holidays

year : for index, year in enumerate (yearList):
if desiredYear == year[0]
return index

which year?

index, holiday in enumerate (yearList[index]):

which week for maxL, minL
if $\text{deserved week} == \text{holiday week}$

print Holiday details

★
datetime
Method for
getting week
from date?

Building Holiday List

for x in range(2021, 2031)
year = str(x)
time and date, com / holidays / us / ' + ' year'

web scrape table

Save as Json. (seperate, by year)

seperate file, run once!

yearList = []
for x in range(2021, 2031)
yearList.append[]

Part 2:

for x in range(2021, 2031)

year = str(x)
yearList.append(year)
filePath = year + '.json'

... (filePath ...)

with open
json. load

for row in json:
 Holiday = Holiday (details)

· yearlist[count].append(Holiday)

Make list of Holidays for year

make a list of Holiday Years

How to handle weather?

How far forward is visible?