# The list of candies to print to the screen

candy\_list = ["Snickers", "Kit Kat", "Sour Patch Kids", "Juicy Fruit", "Swedish Fish", "Skittles", "Hershey Bar", "Starbursts", "M&Ms"]

# The amount of candy the user will be allowed to choose

allowance = 5

# The list used to store all of the candies selected inside of

candy\_cart = []

candy\_dict = {}

# Print out options

print("Hello! Welcome to Prof's Prodigious Vending Machine. Here are the available candies:")

for candy in candy\_list:

    indx = candy\_list.index(candy)

    print(f"[{indx}] {candy}")

# We want to FIRST, print out the options

# [0] Snickers, [1] Kit Kat (display)

# LOOP 5 times (based on the allowance)

# FOR EACH LOOP

# Ask the user for a candy

# they might enter a 0 or 1 or a 5

# USING that index, we want to extract the candy name

# append to the candy cart list

for i in range(allowance):

    user\_inp = int(input("Which candy would you like to purchase? Enter the number. "))

    # check for validity

    if (user\_inp >= len(candy\_list)):

        print("Hey now! That is not a valid candy option. Try again.")

    else:

        user\_candy = candy\_list[user\_inp]

        candy\_cart.append(user\_candy)

        # add to the dictionary

        if user\_candy in candy\_dict.keys():

            candy\_dict[user\_candy] += 1

        else:

            candy\_dict[user\_candy] = 1

# print the candy cart

print(candy\_cart)

# BONUS - keep track of the unique candies and amounts ordered with a dictionary

# {"Skittles": 2,

#  "Kit Kat": 3}

print(candy\_dict)

# Modules

import os

import csv

# Prompt user for title lookup

os.chdir(os.path.dirname(os.path.realpath(\_\_file\_\_)))

# Set path for file

csvpath = "09-Stu\_ReadComicBooksCSV/Resources/comic\_books.csv"

# Set variable to check if we found the comic book

user\_title = input("Enter a comic name: ")

is\_found = False

# Open the CSV using the UTF-8 encoding

with open(csvpath, encoding='UTF-8') as csvfile:

        csvreader = csv.reader(csvfile, delimiter=",")

        # Read the header row first (skip this step if there is no header)

        csv\_header = next(csvreader)

        print(f"CSV Header: {csv\_header}")

        # Loop through looking for the comic book

                # Set variable to confirm we have found the comic book

        # If the comic book is never found, alert the user

        # Read each row of data after the header

        for row in csvreader:

                # get first column of row (title)

                comic\_title = row[0]

                # check if found

                if (comic\_title == user\_title):

                        comic\_publisher = row[8]

                        comic\_year = row[9]

                        text = f"{comic\_title} was published by {comic\_publisher} in {comic\_year}."

                        print(text)

                        # flip the boolean

                        is\_found = True

        if not is\_found:

                print(f"Unfortunately, your comic title {user\_title} was not found. Try again.")