Python Notes

# Initial grocery list for apple pie ingredients(determine variables)

Grocery list is the variable name im declaring could be anything and this is how I make it = a string or make it print to a text

Everything that’s in the list or in the paranthesis could also be numbers

grocery\_list = ["Water", "Butter", "Eggs", "Apples", "Cinnamon", "Sugar", "Milk"]

# Find the first two items on Mike's grocery list (how to print a certain item in a list)

\*\*\*\* [:2] is how to get the first two values of that list could be 2-infinity based on how many items is in the list….. means take up to the 2nd value

first\_two\_items = grocery\_list[:2]

print("First two items:", first\_two\_items)

# Find the last five items on Mike's grocery list

Like the last one the -5 means it starts from the bottom of the list and works it was up to -5 could be any number but (-) means how many value you want starting from the bottom…… for the print it prints the quote and then the variable which we determine

last\_five\_items = grocery\_list[-5:]

print("Last five items:", last\_five\_items)

# Find every other item, starting from the second item, on Mike's grocery list

every\_other\_item = grocery\_list[1::2] ( display every other item starting on the second item)

print("Every other item starting from the 2nd item:", every\_other\_item)

# Add flour to the grocery list( add value to a list)

grocery\_list.append("Flour")

print("Updated grocery list:", grocery\_list)

# Change apples to gala apples ( change value in a list)

\*\*\*the first grocery list is to select which list you wanna address first, then open brackets and write the same variable name.index and then open brackets and choose the item you would like to change the value close the brackets and write the new value,

grocery\_list[grocery\_list.index("Apples")] = "Gala Apples"

print("Updated grocery list with changed apples:", grocery\_list)

**…or create a new repository on the command line**

echo "# python-homework" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/416mk/python-homework.git

git push -u origin main

**…or push an existing repository from the command line**

git remote add origin https://github.com/416mk/python-homework.git

git branch -M main

git push -u origin main