**Participation 5 Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

How to insert the item “melon” after “grapes” in the following list?

**fruit = ["apple", "banana", "grapes", "mangos", "oranges"]**

How to remove the item “mangos” from the following list?

**fruit = ["apple", "banana", "grapes", "mangos", "oranges"]**

Write a for loop to display the following list as shown below:

**games = ["Monopoly", "Risk", "Scrabble", "Clue"]**

**1. Monopoly**

**2. Risk**

**3. Scrabble**

**4. Clue**

What is displayed when the following code is executed?

**games = ["Monopoly", "Risk", "Scrabble", "Clue"]**

**prices = [34.95, 29.95, 24.95, 22.95]**

**for game, price in zip(games, prices):**

**print(f"{game} costs ${price}")**

Given the following code, what would the list consist of after the second statement?

**ages = [22, 35, 24, 17, 28]**

**ages.insert(3, 4)**

What would be displayed after the following code executes?

**costumes = ["ghost", "witch", "elf", "ogre"]**

**name = "elf"**

**if name in costumes:**

**costumes.remove(name)**

**for item in costumes:**

**print(item)**

What is the value of the total variable after the following code executes?

**prices = [10, 15, 12, 8]**

**total = 0**

**i = 1**

**while i < len(prices):**

**total += prices[i]**

**i += 1**

**print(total)**

Given the following code, what would be displayed after the code executes?

**def main():**

**furry\_pets = ["dog", "cat", "ferret", "hamster", "bunny"]**

**feathered\_pets = ["canary", "parrot", "budgie", "hawk"]**

**all\_pets = furry\_pets + feathered\_pets**

**new\_pets =[]**

**i = 0**

**for item in all\_pets:**

**if item[i][0] == "c":**

**new\_pets.append(item)**

**print("The pet store sells:", all\_pets)**

**print("These start with the letter c:", new\_pets)**

**Code Example 1**

**def main():**

**students = [["Lizzy", 73, "C"],**

**["Mike", 98, "A"],**

**["Joel", 88, "B+"],**

**["Anne", 93, "A"]]**

**for student in students:**

**for item in student:**

**print(item, end=" ")**

**if \_\_name\_\_ == "\_\_main\_\_":**

**main()**

Refer to **Code Example 1**: What is the value of **students[2][1]**?

Refer to **Code Example 1**: What will display after the code executes?

Refer to **Code Example 1**: What would display if the following three lines were added at the end of the main() function?

**students.sort()**

**students.reverse()**

**print(students)**