Problem – 1: **Create Usernames**

Write a for loop that iterates over the names list to create a usernames list. To create a username for each name, make everything lowercase and replace spaces with underscores.

**names** = ["Joey Tribbiani", "Monica Geller", "Chandler Bing", "Phoebe Buffay"]

should create the list:

**usernames** = ["joey\_tribbiani", "monica\_geller", "chandler\_bing", "phoebe\_buffay"]

Problem – 2: **What type of loop should we use? (While or for)**

**num\_list =** [422, 136, 524, 85, 96, 719, 85, 92, 10, 17, 312, 542, 87, 23, 86, 191, 116, 35, 173, 45, 149, 59, 84, 69, 113, 166]

Your code should add up the odd numbers in the list, but only up to the first 5 odd numbers together. If there are more than 5 odd numbers, you should stop at the fifth. If there are fewer than 5 odd numbers, add all of the odd numbers.

Problem – 3: **Zip Coordinates**

Use zip to write a for loop that creates a string specifying the label and coordinates of each point and appends it to the list points. Each string should be formatted as label: x, y, z. For example, the string for the first coordinate should be F: 23, 677, 4.

**x\_coord** = [23, 53, 2, -12, 95, 103, 14, -5]

**y\_coord** = [677, 233, 405, 433, 905, 376, 432, 445]

**z\_coord** = [4, 16, -6, -42, 3, -6, 23, -1]

**labels** = ["F", "J", "A", "Q", "Y", "B", "W", "X"]

Problem – 4: **Zip Lists to a Dictionary**

Use zip to create a dictionary cast that uses names as keys and heights as values.

**cast\_names** = ["Barney", "Robin", "Ted", "Lily", "Marshall"]

**cast\_heights** = [72, 68, 72, 66, 76]

Problem – 5: **readable\_timedelta**

Write a function named ***readable\_timedelta***. The function should take one argument, an ***integer days***, and ***return a string*** that says how many weeks and days that is. For example, calling the function and printing the result like this:

>>>> print(readable\_timedelta(10)) should output the following:

**1 week(s) and 3 day(s).**