Problem – 1: **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 – 2: **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 – 3: **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 – 4: **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).**

**Problem – 5: Write a function times-table**

Define a function named **times\_table** which will take one **integer type input** and will print the

Times Table of that number **upto 10.**

Suppose if you call the function by **times\_table(10)**,

It will print as follows:

10 \* 1 = 10

10 \* 2 = 20

10 \* 3 = 30

10 \* 4 = 40

10 \* 5 = 50

10 \* 6 = 60

10 \* 7 = 70

10 \* 8 = 80

10 \* 9 = 90

10 \* 10 = 100