**Task – 1:**

x = [[1, 2, 3, 4, 5], [21, 22, 23, 24, 25], [31, 32, 33, 34, 35]

1. Write python code using python indexing and slicing for the following output. Use only one print statement for each:
2. [31, 32, 33, 34, 35]
3. 23
4. [22,23]
5. [1, 3, 5]
6. Declare y = [0, 0, 0], now using for loop write average of first list in list ‘x’ on first index of list y and so on. The print(y) should give the output: [3.0, 23.0, 33.0]

**Task – 2:**

x = [1, 3, 5, 6, 7, 8, 6, 1, 2, 3]

y = [0, 0, 0, 0, 0, 0, 0, 0]

1. Write python code using while loop that write average of first three items on first index of y and so on. The print(y) should give the following output

Output : [3.0, 4.666666666666667, 6.0, 7.0, 7.0, 5.0, 3.0, 2.0]

1. Define a function that takes list length as argument and returns the average. Then calculate the average of x and y.