For lab copy

1. Take an integer number as input from the user and pass it to a function. The task of the function is to check whether the number is Armstrong or not.

2. Take an integer number as input from the user and pass it to a function. The task of the function is to check whether the number is palindrome or not. For checking palindrome use manual method (don't use string slicing).

3. Take integer numbers as inputs in a list from the user and find the sum of the elements of the list. The logic for finding the sum of the elements in the list will be embedded inside a user defined function.

4. Define a function to find the maximum and the minimum elements in a list.

5. Write a function responsible for reversing a string.

6. Take a list of integers as input from the user. Write a function responsible for carrying out binary search for a user input element. If the element is found then the function will return True if not found then the function will return False.