

Python Assignment 3

1. Python program to calculate the sum of all the odd numbers within the given range.
2. Python program to find the factorial of a given number.
3. Python program to print all prime numbers from 1 to 100.
4. Python program to find all armstrong numbers from 1 to 1000.
5. Find the sum of the series upto n terms

$$2 + 22 + 222 + 2222 + 22222 + \dots$$

$$\text{example: } 2 + 22 + 222 + 2222 + 22222 = 24690$$

6. Write a Python function to check whether a number falls in a given range.
7. Write a Python function to check whether a number is perfect or not.
8. Write a Python function to find the Max of three numbers.
9. Write a Python program to multiply all the items in a list.
10. Write a Python program to get the smallest number from a list without using any builtin function.

11. Write a Python program to find the list of words that are longer than n from a given list of words. (n is an integer input)

12. Write a Python program to convert a list of characters into a string.