Python – Exercise – 1   Date: 25th Jun 2019

1. Write a python program to find the given number is odd or even.

2. Write a python program which take 3 input binary, octal and hexadecimal convert it into decimal.

3. Write a python program to take a two numbers & display it's summation, subtraction, multiplication & division.

4. Write a python program to find out the min/max from three numbers.

5. Write a python program to enter Number of seconds and display as
    Day: _____ Hours :_____ Minutes:_____ Seconds : _____

6. Write a python program to interchange the value of two numbers with and without third variable.

7. Write a python program to find out the number is palindrome or not.

8. Write a python program to find the number is perfect or not.

9. Write a python program to find the factorial of given number.

10. Write a python program to find out the sum of digits of a given number.

11. Write a python program to find out the sum of odd and even numbers between given range.

12. Write a python program to find first N prime numbers.

13. Write a python program in which accept the number one by one until user enter 0. Find out total positive numbers, total negative numbers, Maximum number, Minimum number, average of the absolute values of the nos. and total numbers you entered.

14. Write a program that will accept the amount and find how many minimum no of notes you required for that. (Using the rupee notes of 1, 2, 5, 10, 20 , 50, 100, 200, 500, 2000)
    Input: 1238
    Output: 500 * 2, 200 * 1, 20*1, 10*1, 5*1, 2*1, 1*1

15. Write a python program to accept string from the user and print following triangle
    Input: ATMIYA

ATMIYA	ATMIYA	A
ATMIY	TMIYA	T T
ATMI	MIYA	M M M
ATM	IYA	I I I I
AT	YA	Y Y Y Y Y
A	A	A A A A A A

16. Write a python program to print following triangle

1 22 333 44444 555555	1 12 123 1234 12345	5 54 543 5432 54321	1 21 321 4321 54321	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
1 10 100 1000 10000	1 01 010 1010 10101	1 10 101 1010 10101	a bb ccc dddd eeeee	a b c d e f g h i j k l m n o
5 45 345 2345 12345	12345 1234 123 12 1	12345 2468 369 48 5	54321 5432 543 54 5	z y x w v u t s r q p o n m l
54321 4321 321 21 1	12345 2345 345 45 5	55555 4444 333 22 1	2 4 6 8 10 4 6 8 10 6 8 10 8 10 10	a b c d e b c d e c d e d e e