Set 7

1: Take a list of 10 elements. Split it into middle and store the elements in two dfferent lists.

 E.g.-

INITIAL list:

58   24   13   15   63   9   8   81   1   78

After splitting:

List1 >>>> 58   24 13   15   63

List2 >>>> 9   8   81   1   78

2: Write a Python function to sum all the numbers in a list.

Sample List : (8, 2, 3, 0, 7)

Expected Output : 20

3: Write a function calculation() such that it can accept two variables and calculate the addition and subtraction of them. And also it must return both addition and subtraction in a single return call

4: Create a function showEmployee() in such a way that it should accept employee name, and its salary and display both. If the salary is missing in the function call assign default value 9000 to salary

5: Write a function to count each character in a String and it return a dictionary.

6: Write a function, which return type of argument pass in it.

7: Write a function named num_test that takes a number as input. If the number is greater than 10, the function should return "Greater than 10." If the number is less

than 10, the function should return "Less than 10." If the number is equal to 10, the function should return "Equal to 10."

8: Write a function that will return the number of digits in an integer.

9: Write a function that removes all occurrences of a given letter from a string.

10: Write a function *sum_of_squares(xs)* that computes the sum of the squares of the numbers in the list *xs*. For example, *sum_of_squares([2, 3, 4])* should return 4+9+16 which is 29: