1)Create a function named ds with parameters roll_no and name.
2)Add those parameters in the following data structures:
list, tuple, sets and dictionaries
3) After adding values
change the values during runtime
4)Delete these data structures

Ans:- Here's an example of a python function to create and modify data structures:-

```
def ds(roll_no, name):
    my_list = [roll_no, name]
    my_tuple = (roll_no, name)
    my_set = {roll_no, name}
    my_dict = {'roll_no': roll_no, 'name': name}

    print("Initial data structures:")
    print("List:", my_list)
    print("Tuple:", my_tuple)
    print("Set:", my_set)
    print("Dictionary:", my_dict)

    new_roll_no = input("Enter new roll number: ")
    new_name = input("Enter new name: ")

    my_list[0] = new_roll_no
    my_list[1] = new_name

    my_tuple = (new_roll_no, new_name)

    my_set.add(new_roll_no)
    my_set.add(new_name)

    my_dict['roll_no'] = new_roll_no
    my_dict['name'] = new_name
```

```
    print("Updated data structures:")
    print("List:", my_list)
    print("Tuple:", my_tuple)
    print("Set:", my_set)
    print("Dictionary:", my_dict)

    del my_list
    del my_tuple
    del my_set
    del my_dict

    print("Data structures deleted.")
```

ds(1, "Ram")

Output:-

```
Initial data structures:
List: [2, 'Ram']
Tuple: (2, 'Ram')
Set: {2, 'Ram'}
Dictionary: {'roll_no': 2, 'name': 'Ram'}
Enter new roll number: 55
Enter new name: Atul
Updated data structures:
List: ['55', 'Atul']
Tuple: ('55', 'Atul')
Set: {2, 'Ram', 'Atul', '55'}
Dictionary: {'roll_no': '55', 'name': 'Atul'}
Data structures deleted.
```