

Task 1 :

LIST :

```
1  # creating a list
2  my_list = [1,2,3,4,5]
3
4  #add
5  my_list .append(8)
6
7  #remove
8  my_list.remove(4)
9
10 #add
11 my_list[0]=10
12
13 print ("updated list: ", my_list)
14
```

OUTPUT:

```
PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS Python + v [ ] [ ] ...
PS C:\Users\Acer> & C:/Python312/python.exe c:/Users/Acer/OneDrive/Desktop/javascript/t
py
updated list:  [10, 2, 3, 5, 8]
PS C:\Users\Acer>
```

DICTIONARY:

```
# CREATING A DICTIONARY
my_dict = {'name':'john', 'age': 25, 'city':'delhi'}

#adding
my_dict['gender']='male'

#modifying
my_dict ['city'] = 'mumbai'

#removing
del my_dict['age']

print ("updated Dictionary: ", my_dict)
```

```
PS C:\Users\Acer> & C:/Python312/python.exe c:/Users/Acer/OneDrive/Desktop/javascri
py
updated Dictionary:  {'name': 'john', 'city': 'mumbai', 'gender': 'male'}
PS C:\Users\Acer>
```

SET:

```
30  #CRETING A SET
31  my_set = {1,2,3,4,5}
32
33  # adding
34  my_set.add(8)
35
36  # removing
37  my_set.remove(5)
38
39  #modifying
40  my_set.add(7)
41
42  print("updated set:", my_set)
43
```

```
PS C:\Users\Acer> & C:/Python312/python.exe c:/Users/Acer/OneDrive/Desktop/
py
updated set: {1, 2, 3, 4, 7, 8}
PS C:\Users\Acer>
```