

C: > Users > pc > Desktop > archita > Task1_list.py > ...

```
1 #Creating list
2 list=[5,4,9,8,6]
3
4 #Display list
5 print("List created:",list)
6
7 #Adding elements
8 list.append(10)
9
10 #Removing elements
11 list.remove(8)
12
13 #Modifying elementts
14 list[2]=15
15
16 #Display list
17 print("Updated list:",list)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\pc\Desktop\archita> & 'c:\Users\pc\AppData\Local\Programs\Python\Python312\python.exe' 'c:\Users\pc\.vscode\extensions\ms-python.debugpy-2024.8.0-win32-x64\bundled\libs\debugpy\adapter\..\..\debugpy\launcher' '51956' '--' 'C:\Users\pc\Desktop\archita\Task1_list.py'
List created: [5, 4, 9, 8, 6]
Updated list: [5, 4, 15, 6, 10]
PS C:\Users\pc\Desktop\archita> 
```

Task1_list.py

Task1_dict.py X

C: > Users > pc > Desktop > archita > Task1_dict.py > ...

```
1  #Creating a dictionary
2  dict= {'name': 'Archita' , 'age':18 , 'city':'Bhubaneshwar'}
3
4  #Display
5  print("Dictionary created:" ,dict)
6
7  #Adding element
8  dict['gender']='Female'
9
10 #Removing element
11 del dict['city']
12
13 #Modifying
14 dict['age']=21
15
16 print("Updated Dictionary:",dict)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
2\python.exe' 'c:\Users\pc\.vscode\extensions\ms-python.debugpy-2024.8.0-win32-x64\bundled\libs\debugpy\
py\launcher' '52865' '--' 'C:\Users\pc\Desktop\archita\Task1_dict.py'
ictionary created: {'name': 'Archita', 'age': 18, 'city': 'Bhubaneshwar'}
pdated Dictionary: {'name': 'Archita', 'age': 21, 'gender': 'Female'}
```

Task1.set.py X

Task1_dict.py

C: > Users > pc > Desktop > archita > Task1.set.py > ...

```
1  #Create a set
2  set={1,2,3,4,5}
3
4  #Display
5  print("Set created:" ,set)
6
7  #Adding
8  set.add(6)
9
10 #Removing
11 set.remove(2)
12
13 #Modifying
14 set.add(8)
15 set.discard(3)
16
17 #Display
18 print("updated set:" ,set)
19
20
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS C:\Users\pc> & C:/Users/pc/AppData/Local/Programs/Python/Python312/python.exe c:/Users/pc/Desktop/archita/Task1.set.py
Set created: {1, 2, 3, 4, 5}
updated set: {1, 4, 5, 6, 8}
PS C:\Users\pc>
```