Worksheets

I.   Help Mitesh to write the output for the following programs.

```
File   Edit   Format   Run   Options   Window   Help
mlist = ['arun','mitesh','charu','shalini']
mlist[2:4]= 'yuvi','navya'
print (mlist)
mlist[1]= 'gauri'
print (mlist)
```

```
File   Edit   Format   Run   Options   Window   Hel
mlist = [23,56,78,90]
mlist.append(100)
print (mlist)
mlist.extend([25,50])
print(mlist)
```

```
File   Edit   Format   Run   Options   Window   Help
import array as arr
myarray=arr.array("i",[2,4,6,8,9])
myarray.remove(6)
print(myarray)
myarray.pop(1)
print(myarray)
```

```
File   Edit   Format   Run   Options   Window   Help
import array as arr

array1 = arr.array('i', [10,30,45,50])

array1.remove(45)

for x in array1:
 print(x)
```

II. Write the output for following programs

```
x= input("Enter the first number ")
y=int(input("Enter the second number "))
z=x+str(y)
u=int(x)+y
n=(int(x)*y)/2
print(z)
print(u)
print(n)
```

```
x= input("Enter a name ")
y=int(input("Enter Age "))
z=int(input("Enter class"))
print(x,"After","\t",y+2,"years"
print("You will be in class","\n",z+2)
```

```
mylist=[1,4,9]
mylist.append('Arun')
print(mylist)
```

```
mylist=["apple","cherry","orrange"]
print(mylist)
mylist.insert(1,2000)
print(mylist)
```

```
mylist=[1,2,6,3,90,23,4]
mylist.sort()
print(mylist)
mylist.sort(reverse=True)
print(mylist)
mylist.insert(1,2000)
print(mylist)
```

```
mylist=[1,2,6,3,90,23,4]
mylist.sort()
print(mylist)
mylist.sort(reverse=True)
print(mylist)
mylist.insert(1,2000)
print(mylist)
del mylist[3]
print(mylist)
```

Lists and Arrays in Python