

lab1_q1

```
lst1, lst2=[10,20,30,40,50], [60,70,80,90,100]
print("Final concatenated list : ", lst1+lst2)
```

lab1_q5

C:\Users\HP\AppData\Local\Programs\Python\Python39\python.exe "C:/Users

Final concatenated list : [10, 20, 30, 40, 50, 60, 70, 80, 90, 100]

Process finished with exit code 0

lab1_q2

```
a,b,t=100,50,0
print("Before swapping, a = {}, b = {}".format(a,b))
t=a
a=b
b=t
print("After swapping, a = {}, b = {}".format(a,b))
```

lab1_q4

C:\Users\HP\AppData\Local\Programs\Python\Python39\python.exe "C:/

Before swapping, a = 100, b = 50

After swapping, a = 50, b = 100

Process finished with exit code 0

lab1_q3

```
def fibonacci(x):
    if x==1 or x==0:
        return x
    else:
        return fibonacci(x-1)+fibonacci(x-2)

a=int(input("Enter number of elements for the series: "))
print("The fibonacci series is till", a, ": ")
for i in range(a):
    print(fibonacci(i), end=" ")

lab1_q3 x
C:\Users\HP\AppData\Local\Programs\Python\Python39\python.exe "C
Enter number of elements for the series: 8
The fibonacci series is till 8 :
0 1 1 2 3 5 8 13
Process finished with exit code 0
|
```

lab1_q4

```
lst=input("Enter list elements separated by commas: ")
lst1=lst.split(",")
print("Unique elements of the given list are: ")
for i in lst1:
    c=0
    for j in lst1:
        if i==j:
            c+=1
    if c==1:
        print(i)

lab1_q2 x
C:\Users\HP\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/HP/De
Enter list elements separated by commas: gulshan,kumar,nayak,nayak,2020
Unique elements of the given list are:
gulshan
kumar
2020
```

lab1_q5

```
lst=input("Enter list elements separated by commas(,): ")
c=0
for i in lst:
    if i==',':
        c+=1
print("Number of elements in the given list: ", c+1)
```

lab1_q1

C:\Users\HP\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/HP/Desktop
Enter list elements separated by commas(,): yoyo,2002081022,gulshan,2874qfdf
Number of elements in the given list: 4
Process finished with exit code 0

lab1_q6

```
lst=[]
print("Enter list elements having both numbers and alphabets : ")
for i in range(5):
    lst.append(input())
print("Only integer part of elements of list:")
for i in lst:
    st=""
    for j in i:
        if j.isdecimal():
            st+=j
    print(st,end=',')
```

for i in lst

lab1_q6

C:\Users\HP\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/HP/Desktop
Enter list elements having both numbers and alphabets :
gul
232
dwe3e
434
434
Only integer part of elements of list:
,232,3,434,434,
Process finished with exit code 0