DAY-4 EVENING ASSESSMENT

# PYTHON LIST PRACTICE QUESTIONS

1. list=[1,2,3,4,5]  
for element in list:  
 print(element,end=" ")

o/p: 1 2 3 4 5

2. list=['apple','banana','orange']  
for element in list:  
 print(element)

o/p: apple

banana

orange

3. list=['apple','banana','orange']  
length=len(list)  
print(length)

o/p: 3

4. list=['apple','banana','orange','goa','papaya']  
second=list[1]  
fourth=list[3]  
print(second,fourth)

o/p: banana goa

5. list=[1,2,3,4,5,6,7,8,9]  
sublist=list[1:4]  
print(sublist)

o/p: [2, 3, 4]

6. list=[1,2,3,4,5,6,7,8,9]  
list.append(10)  
print(list)

o/p: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

7. list=[1,2,3,4,5,6,7,8,9]  
list.insert(1,10)  
print(list)

o/p: [1, 10, 2, 3, 4, 5, 6, 7, 8, 9]

8. list=[1,2,3,4,5,6,7,8,9]  
list.extend([10,11])  
print(list)

o/p: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]

9. list=[1,2,3,4,5,6,7,8,9]  
list.remove(8)  
print(list)

o/p: [1, 2, 3, 4, 5, 6, 7, 9]

10. list=[1,2,3,4,5,6,7,8,9]  
list.pop()  
print(list)

o/p: [1, 2, 3, 4, 5, 6, 7, 8]

11. list=[1,2,3,4,9,3,4,7]  
list.sort()  
print(list)

o/p: [1, 2, 3, 3, 4, 4, 7, 9]

12. list=[1,2,3,4,9,3,4,7]  
list.reverse()  
print(list)

o/p: [7, 4, 3, 9, 4, 3, 2, 1]

13. list=[1,2,3,4,9,3,4,7]  
countodthree=list.count(3)  
print(countodthree)

o/p: 2

14. list=[1,2,3,4,9,3,4,7]  
index=list.index(3)  
print(index)

o/p: 2

15. list=[1,2,3,4,9,3,4,7]  
copied\_list=list.copy()  
print(copied\_list)

o/p: [1, 2, 3, 4, 9, 3, 4, 7]

16. list=[1,2,3,4,9,3,4,7]  
list.clear()  
print(list)

o/p: []

17. list=[i\*i for i in range(1,11)]  
print(list)

o/p: [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]

18. list=[[1,2],[3,4],[5,6]]  
print(list[1][1])

o/p: 4

19. list=[[1,2],[3,4],[5,6]]  
print([1,2] in list)

o/p: True

20. list=[]  
for i in range(5):  
 user\_input=int(input("enter a number:"))  
 list.append(user\_input)  
print("sum:",sum(list))

o/p: enter a number:1

enter a number:0

enter a number:10

enter a number:20

enter a number:90

sum: 121

Process finished with exit code 0