DAY-2 MORNING ASSESSMENT

PYTHON LIST PRACTICE QUESTIONS

1. list=[1,2,3,4,5]

print(list)

O/P: [1,2,3,4,5]

2. greet=['hi','haii','hello']

for element in greet:

print(element)

O/P: hi

haii

hello

3. greet=['hi','haii','hello']

print(len(greet))

O/P:3

4. l1=['hi',1,2,0.5,'23']

print(l1[1])#second element from list l1

print(l1[3])#fourth element from the list l1

O/P: 1

0.5

5. list=[1,2,3,4,5,6,7,8,9]

print(list[1:4])

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([1,2,3])

print(list)

O/P: [1, 2, 3, 4, 5, 6, 7, 8, 9, 1, 2, 3]

9. list=[1,2,3,4,5,6,7,8,9]

list.remove(5)

print(list)

O/P: [1, 2, 3, 4, 6, 7, 8, 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=[1,8,9,5,4,2,6,9]

list.sort()

print(list)

O/P: [1, 2, 4, 5, 6, 8, 9, 9]

12. list=[1,8,9,5,4,2,6,9]

list.reverse()

print(list)

O/P: [9, 6, 2, 4, 5, 9, 8, 1]

13. list=[1,8,9,5,4,2,6,9]

print(list.count(9))

O/P: 2

14. list=[1,8,9,5,4,2,6,9]

print(list.index(9))

O/P:2

15. import copy

list=[1,8,9,5,4,2,6,9]

copied\_list=copy.copy(list)

print(copied\_list)

O/P: [1, 8, 9, 5, 4, 2, 6, 9]

16. list=[1,8,9,5,4,2,6,9]

list.clear()

print(list)

O/P: [ ]

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

print(list\_of\_squares)

O/P: [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]

18. nested\_list=[[1,2,3,9]]

print(nested\_list[0][2])

O/P: 3

19. list=['apple','goa','shark','shell',80]

print('goa' in list)

O/P: True

20.