Python List Practice Answers

1. Create a list of 5 integers and print them.

A: list1=[1,2,3,4,5]

print(list1)

2. Create a list of strings and print each element

A: a =[“gagana “ , “gia” ,”sia”]

Print(a)

3. Find the length of a given list using len().

A: a = [1,2,3,5,7,8]

Print(a.len())

4. Access the 2nd and 4th elements from a list.

A: a = [1,2,3,4,5,6]

Print(a[1] , a[3])

5. Create a list of numbers and print a sublist from index 1 to 3.

A: num =[5,6,7,8,9,1]

Print(num[1:4])

6. Add a new element at the end of a list using append().

A: a = [1,2,3,4]

a.append(8)

print(a)

7. Insert an element at the 2nd position using insert().

A: a = [1,2,3,4]

a.insert(1,8)

print(a)

8. Add multiple elements to a list using extend().

A: a =[1,2,3,4,5]

a.extend([56,78])

print(a)

9. Remove a specific element from a list using remove().

A: a =[1,2,3,4,5]

a.remove([4])

print(a)

10. Remove the last element of a list using pop().

A: a =[1,2,3,4,5]

a.pop()

print(a)

11. Sort a list of numbers in ascending order using sort().

A: a =[1,2,9,4,5]

a.sort()

print(a)

12. Reverse a list using reverse().

A: a =[1,2,9,4,5]

a.reverse()

print(a)

13. Count how many times a specific element appears in a list using count().

A: a =[1,2,9,4,9,5,9]

print(a.count(9))

14. Find the index of an element using index().

A: a =[1,2,9,4,5]

print(a.index[4])

15. Copy a list into another list using copy().

A: a = [1,2,3,4]

Copy\_a = a.copy()

Print(copy\_a)

16. Clear all elements from a list using clear().

A: : a = [1,2,3,4]

a.clear()

Print(a)

17. Use list comprehension to create a list of squares from 1 to 10.

A: a = [ x\*\*2 for x in range (1,11)]

Print(a)