

	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)	
Worksheet – 6 (Nested List)		
Bundle & Subject Name	Intermediate Bundle V2 (2025) - Python Programming V2	Semester IV

Answer Key

1. What is a nested list in Python?

- A) A list of numbers B) A list inside another list
C) A list that cannot be changed D) A list with unique items

Ans: B) A list inside another list

2. How do you create a nested list in Python?

- A) [1, 2, 3, [4, 5]] B) [1, 2, 3] + [4, 5]
C) 1, [2, 3] D) [[1, 2, 3] [4, 5]]

Ans:A) [1, 2, 3, [4, 5]]

3. How do you access the first element of the first sublist in "nestedList = [[1, 2, 3], [4, 5, 6], [7, 8, 9]]" ?

- A) nestedList[0][0] B) nestedList[1][0]
C) nestedList[0][1] D) nestedList[1][1]

Ans: A) nestedList[0][0]

4. Which method is used to add an item to the end of a list?

- A) append() B) insert() C) extend() D) remove()

Ans: A) append()

5. What is the role of the "del" keyword in nested lists?

- A) Deletes a specific value by index
B) Deletes the entire list
C) Deletes all sublists
D) Deletes duplicate elements

Ans: B) Deletes the entire list

6. What is the correct way to remove the last item of a nested list?

- A) pop(-1) B) remove(-1)
C) del D) extend()

Ans: A) pop(-1)

7. How do you iterate through all elements in a nested list?

- A) Using nested loops B) Using the append() method
B) Using the `extend() method D) Using list slicing

Ans: A) Using nested loops

8. Which operation adds an item at a specific index in a list?

- A) append() B) insert()
C) extend() D) remove()

Ans: B) insert()

9. How do you modify a value in a nested list?

- A) Use insert() B) Assign a new value using indices
C) Use append() D) Use extend()

Ans: B) Assign a new value using indices

10. Which option removes a specific value from a nested list without knowing its index?

- A) pop() B) remove()
C) del D) append()

Ans: B) remove()