



**Mr. Jitendra Sahani**

**Python Instructor**

**IIT Mandi IHub And HCl Foundation**

**Address : IIT Mandi IHub And HCl Foundation  
North Campus, VPO Kamand  
Near Mind Tree School 175075**

---

## **Core Python Assignment - 14**

1. Can we clear all elements from list? If yes, give an example?
2. How to delete an existing list object from memory? give an example?
3. How to delete set of elements from list? Give an example?
4. What is nested list? give an example?
5. What is all()? give an example?
6. How is an empty class created in python?
7. How do you access parent members in the child class?
8. How is memory management done in Python?
9. How to delete a file using Python?
10. Explain split() and join() functions in Python?
11. What is any()? give an example?
12. What is range()? give an example?
13. What are optional arguments in the range()??
14. Can we apply max() on the list which has int values, float values and str values?
15. What is List indexing and Slicing?
16. What is the difference between .py and .pyc files?
17. What is the use of help() and dir() functions?
18. What is PIP?
19. What is a zip function?
20. What are Pickling and Unpickling?

---

**IIT Mandi IHub And HCl Foundation**