Mr. Jitendra Sahani
Python Instructor

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

Core Python Assignment - 6 (100Q)

1. What is a string and what are the different ways to represent a string?
2. What do we use to represent a string?
3. Is string mutable or immutable object?
4. Can we delete a specific character of a string by using del command?
5. Can we remove all characters from given string by using clear()?
6. What is capitalize()?
7. What is title()?
8. What is the difference between capitalize() and title()?
9. How to display the given string st='narayana tech house' as 'Narayana Tech House'?
10. How to display the given string 'NaRaYaNa' as 'nArAyAnA'?
11. How to check the given string is in lower case or not?
12. How to check the given object is string or not?
13. How to display the given in ascending order?
14. How to display the given in descending order?
15. How to display the given in reverse order?
16. How to display the given string 'PYTHON DEVELOPER' as 'ORACLE DEVELOPER'?
17. Can we perform packing and unpacking on string object?
18. What is use of join()?
19. What is difference between upper() and lower()?
20. Can perform concatenation and multiplication on string?
21. Does string support indexing and slicing?
22. Does string allow duplicate characters?
23. The insertion order of string characters is fixed or not?
24. Is list mutable or immutable obj?
25. Does a list allow duplicate elements or not?
26. The insertion order of list elements is fixed or not?
27. How to convert the string object into list?

28. How to convert the list object into string?
29. List is a dynamic object? why?
30. Does list support concatenation and multiplication or not?
31. Can we add new elements to the existing list?
32. Can we remove the existing elements from the list?
33. What is the purpose of append()?
34. What is the purpose of extend()?
35. What is the purpose of insert()?
36. What is the difference between append() and extend()?
37. Does string support del command to remove specific character?
38. Can we add multiple elements by using insert() at required position?
39. What is the difference between remove() and pop()?
40. If we don't specify any argument in the pop() then what will happen?
41. Can we remove all elements by using clear()?
42. Can we delete any specific element by using del command?
43. Does tuple support add() to add element?
44. Can we add new data to the list after deleting the list completely by using del command
45. What is nested list?
46. Can we inc or dec the length of nested list?
47. Can we count number elements in the nested list?
48. How to count number of elements in list?
49. How to find the index number of specific element in the list?
50. How to find the number of occurrences of a specific element in the given list?
51. Can we take heterogeneous elements in the list?
52. What are the different ways to create a list?
53. What is range()?
54. What is the difference between python2 and python3 in terms of range()?
55. What is the data type of a object which is created by using range() in python2?
56. How to display ascending order the given list?
57. How to display descending order the given list?
58. How to display reverse order the given list?
59. How to display an alternative elements from the given list?
60. What is the difference between list and tuple()?
61. How to create a tuple with one element?
62. Is tuple mutable or immutable object?
63. Can we insert duplicate values in the tuple?
64. The insertion order of tuple elements is fixed or not?
65. What is all() and any()?
66. How to convert list into tuple?
67. How to convert tuple into list?
68. Can delete a specific element in tuple by using del command?
69. Is tuple static or dynamic object?

IIT Mandi IHub And HCi Foundation

70. Can we use clear() on tuple?
71. How to find the length of tuple?
72. What is a set?
73. What is the difference between set and list and tuple?
74. Does a set allow duplicate elements?
75. The insertion order of elements if fixed or not?
76. Does set support indexing and slicing?
77. Does set support concatenation and multiplication?
78. What is the purpose of set?
79. Can we delete a specific element by using del command in set?
80. What are the different arithmetic operations?
81. How to remove duplicate elements from the list?
82. How to convert set into list?
83. How to convert string into set?
84. What is the difference between difference() and symmetric_difference()?
85. What is a dict?
86. Can we give duplicate keys in the dict?
87. What is the purpose of dict?
88. Is dict mutable or immutable object?
89. Can we add new key-value pairs to the dict?
90. How to remove exiting key-value pairs?
91. What are the different retrieve the values from dict?
92. What is keys()?
93. What is values()?
94. What is fromkeys()?
95. How to create a dict by using other object?
96. How to update the values in the dict?
97. What is items()?
98. What is the difference between set and dict?
99. How to remove key-value pairs from the dict?
100. What is the difference between pop() and popitem()