

PYTHON CODING QUESTIONS

Duration: 1 hour
Number of questions: 25

NOTE:

1. Solve the Questions in Jupyter Notebook or Google Colab.
2. Try to be specific with codes.
3. Run the codes so that answers are printed.

Questions:

1. Print a String Value.
2. Print an Integer Value
3. Print a Float Value
4. Print a None value
5. Print a Boolean Value
6. Print the type of each of the above
7. Add first 5 odd numbers
8. Subtract highest three digit number from highest 5 digit number
9. Print a Tuple and its type.
10. Print a set and its type.
11. Print a Dictionary and its type.
12. Write the Float and Floor value of 9 divided by 7.
13. Convert 7.8, 8.9, 6.7 into integer.
14. Generate a random number between 1 and 19.
15. Generate a random number.
16. What will be the modulus value of $456\%34$, $7892637634732372832\%283478753928392$.
17. Write an expression to show equal functions and a not equal function.
18. Write a simple lambda function.
19. Write a function to extract odd numbers from first 100 natural numbers.
20. Is 2004,2010,2020,2023 a leap year? Write the code for testing the same.
21. Print a Hello World Statement.
22. If, $a= 10$, $b= 20$, $c= 30$, $d= 40$, what will be the value of $x= (a+b)+(c+d)+(a+c)+(b+d)$?

23. For $x = 56-45$, $y = 67-56$. Print the answers together.
24. Write the command to install any package in python.
25. Write an expression for extracting area code and mainNumber from 415-555-4242, using regular expression.