Introduction to Python

Index

1. Flow – Chart
2. How to Approach Problems?
3. What is Flowchart?
4. Add Two Numbers
5. Average of Three Numbers
6. Decision Making Algorithms
7. Largest of 3 Numbers
8. Check Number
9. Valid Triangle
10. Print numbers from 1 to N
11. Find Product
12. Print Even Numbers
13. Check Number is Prime?
14. Largest of N numbers
15. Introduction to Python
16. First program in Python
17. Python Installation
18. Output question
19. Variable in Python
20. Output Question
21. Output Question
22. Data Types
23. Python variable Name
24. Python Variables
25. Python Variable Types
26. Python Numbers
27. Check for Equality
28. Limit of Integers
29. Arithmetic Operators
30. Output Question
31. Output Question
32. Taking Inputs
33. Output question
34. Output Question
35. Output Question
36. Find Average Marks
37. Conditionals and Loops
38. Boolean Datatype
39. Introduction to If Else
40. Predict the Output
41. Predict the Output
42. Figure out the output
43. Multiple Ifs
44. Using Relational and Logical Operators
45. Using Else If
46. Check Number
47. Nested Conditionals
48. Conditional Question
49. Conditional Question
50. While Loop
51. Sum of n Numbers
52. Sum of Even Numbers
53. Primality Checking
54. Predict the output
55. Predict the output
56. Predict the output
57. Nested Loops
58. Fahrenheit to Celsius
59. Patterns 1
60. Introduction to Patterns
61. First Patterns
62. Code : Square Pattern
63. Square Patterns
64. Triangle Patterns
65. Code : Triangular Star Pattern
66. Code : Triangular Number Pattern
67. Code : Reverse Number Pattern
68. Character Patterns
69. Code : Character Pattern
70. Code : Interesting Alphabets

1. Patterns 2
2. Inverted Triangle
3. Code : Inverted Number Pattern
4. Reversed Pattern
5. Code : Mirror Number Pattern
6. Isosceles Pattern
7. Code : Star Pattern
8. Code : Triangle of Numbers
9. Code : Diamond of Stars
10. More on Loops
11. For Loop & Range Method
12. Predict the output
13. Predict the output
14. Print multiples of 3
15. Check if a Number is Prime
16. Pattern
17. Break Keyword
18. Predict the output
19. Predict the output
20. Else keywords with Loops
21. Predict the output
22. Predict the output
23. Continue Keyword
24. Predict the output
25. Predict the output
26. Pass Statements
27. Functions
28. Functions and how to use them
29. Why do we need functions
30. Few Examples
31. Predict the output
32. Predict the output
33. How does function calling works
34. Scope of Variables
35. Predict the output
36. Predict the output
37. Predict the output
38. Default Parameters in Functions
39. Predict the output
40. Predict the output
41. Predict the output
42. Arrays & Lists
43. Searching & Sorting
44. Strings
45. Two Dimensional Lists
46. Tuples, Dictionary and Sets