



# PROGRAMMING

## TABLE OF CONTENTS

C LANGUAGE.....	1
C ++ LANGUAGE.....	3
JAVA .....	5
PYTHON.....	9

## C LANGUAGE

1. C LANGAUGE (BASIC PART 1)VIDEO TRAINING-1
2. C LANGAUGE (BASIC PART 2)VIDEO TRAINING-1
3. C LANGAUGE (BASIC PART 3)VIDEO TRAINING-1
4. C LANGAUGE (BASIC PART 4)VIDEO TRAINING-1
5. C LANGAUGE (BASIC PART 5)VIDEO TRAINING-2
6. C LANGAUGE(BASIC PART 6)VIDEO TRAINING-2
7. C LANGAUGE(BASIC PART 7)VIDEO TRAINING-2
18. C LANGAUGE(BASIC PART 8)VIDEO TRAINING-2
19. C LANGAUGE (BASIC PART 9)VIDEO TRAINING-2
10. C LANGAUGE (BASIC PART 9) VIDEO TRAINING-2
11. SECOND (PART 11)- 1
12. SECOND (PART 12)- 1
13. SECOND (PART 13.)- 1



14. SECOND (PART 14)- 1
15. SECOND (PART 15) PART 2
16. SECOND (PART 16) PART 2
17. SECOND (PART 17)PART 2
18. SECOND(PART 18)PART 2
19. THIRD(PART 19) PART 1
20. THIRD(PART 20)PART 1
21. THIRD(PART 21)PART 1
22. THIRD(PART 22) PART 1
23. THIRD(PART 23) PART SECOND
24. THIRD (PART 24) PART SECOND
25. THIRD(PART 25) PART SECOND
26. THIRD(PART 26) PART SECOND
27. FOURTH(PART 27) PART ONE
28. FOURTH(PART 28)PART ONE
29. FOURTH(PART 29) PART TWO
30. FOURTH(PART 30)PART TWO
31. FOURTH(PART 31)PART TWO
32. FOURTH(PART 31)PART TWO
33. FOURTH(PART 33)PART TWO
34. FOURTH(PART 34)PART TWO
35. FIFTH(PART 35)
36. FIFTH(PART 36)



### 39. FIFTH(PART 39)

1. INTRO TO C PLUS PLUS LANGUAGE
2. INTRO TO C PLUS PLUS LANGUAGE
3. C PLUS PLUS LANGUAGE PART TWO
4. C PLUS PLUS LANGUAGE PART TWO
5. C PLUS PLUS LANGUAGE PART TWO
6. C PLUS PLUS LANGUAGE PART TWO
7. SECOND PART
8. SECOND PART - 2
9. SECOND PART-2
10. SECOND PART - 2
11. SECOND PART-2
12. THIRD PART ONE
13. THIRD PART ONE
14. THIRD PART ONE
15. THIRD PART ONE
16. THIRD PART-2
17. THIRD PART-2



18. THIRD PART-2
19. THIRD PART-2
20. FOURTH PART
21. FOURTH PART
22. FOURTH PART
23. FOURTH PART
24. FOURTH PART
25. FOURTH PART - 2
26. FOURTH PART - 2
27. FOURTH PART-2
28. FOURTH PART-2
29. FOURTH PART-2
30. FIFTH PART ONE
31. FIFTH PART ONE
32. FIFTH PART ONE
33. FIFTH PART ONE
34. FIFTH PART TWO
35. FIFTH PART TWO
36. FIFTH PART TWO
37. FIFTH PART TWO
38. FIFTH PART TWO



## 1. WHAT IS JAVA

2. PREREQUISITE IN LEARNING JAVA
3. EVOLUTION OF JAVA IN LEVELS
4. BENEFITS AND FEATURES OF JAVA
5. DIFFERENCE BETWEEN JAVA AND C PLUS PLUS
6. DIFFERENCE BETWEEN JAVA AND JAVA SCRIPT
7. WHAT IS COMPILER
8. DIFFERECCE BETWEEN COMPILER AND INTERPRETER
- 9 JAVA VIRTUAL MACHINE IN JAVA LANGUAGE
10. PRACTICAL USAGE OF JAVA LANGUAGE
11. SOFTWARES TO RUN JAVA LANGUAGE
12. DOWNLOADING AND INSALLING JAVA
13. SETTING PATH VARIABLES FOR JAVA LANGUAGE
14. RUNNING FIRST PROGRAM IN JAVA LANGUAGE USING COMMAND PROMPT
15. DOWNLOADING AND INSTALLING ECLIPSE FOR JAVA
16. HOW TO WORK IN ECLIPSE FOR JAVA
17. UNDERSTANDING PROGRAM FLOW IN JAVA
18. CLASS AND OBJECTS IN JAVA LANGUAGE
19. VARIABLES AND METHODS IN CLASS
20. USAGE OF METHODS IN CLASS
21. TYPES OF VARIABLES IN JAVA
22. INSTANCE VARIABLES IN JAVA



# PROGRAMMING

23. STATIC VARIABLES IN JAVA
24. LOCAL VARIABLES IN JAVA
25. PARAMETERS VARIABLES IN JAVA
26. VARIABLE NAMING CONVENTIONS IN JAVA
27. DATA TYPES IN JAVA
28. DATA TYPES IMPLEMENTATION IN JAVA
29. OPERATORS IN JAVA
30. ARITHMETIC OPERATORS IN JAVA
31. ASSIGNMENT OPERATORS IN JAVA
32. RELATIONAL OPERATOR IN JAVA
33. LOGICAL OPERATORS IN JAVA
34. BITWISE OPERATORS IN JAVA
35. PREFIX AND POSTFIX OPERATORS IN JAVA
36. CONDITION OPERATOR IN JAVA
37. GETTING HELP IN JAVA
38. HOW TO FIND ERRORS IN JAVA CODE
39. CONTROL STATEMENTS IN JAVA
40. IF STATEMENT IN JAVA
41. NESTED IF IN JAVA
42. IF ELSE LADDER IN JAVA
43. SWITCH STATEMENT IN JAVA
44. SWITCH STATEMENT WITH NUMBERS IN JAVA
45. USING STRINGS IN SWITCH IN JAVA



## **PROGRAMMING**

46. LOOPS IN JAVA

47. FOR LOOP IN JAVA

48. NESTED FOR LOOP IN JAVA

49. WHILE LOOP IN JAVA

50. DO WHILE LOOP IN JAVA

51. DIFFERENCE BETWEEN WHILE, FOR AND DO WHILE LOOP

52 METHODS IN JAVA

53. PREDEFIND METHODS IN JAVA

54. USER DEFINED METHODS IN JAVA

55. ACCESS SPECIFIERS IN JAVA METHODS 56 STATIC METHODS IN LAVA

57 RETURN DATA TYPE IN AAVA METHODS

58. NAMING RULES OF METHODS IN LAVA

59. METHODS PARAMETERES IN JAVA

60. METHOD OVERLOADING IN JAVA

61. DEFINING CONSTRUCTOR IN LAVA

62. DIFFERENCE BETWEEN CONSTRUCTOR AND METHOD

63. CONSTRUCTOR OVERLOADING IN JAVA

64. DEFINING ANAY IN JAVA

65. SINGLE DIMENSIONAL ARRAY IN LAVA

66. MULTI DIMENSIONAL ARRAY IN JAVA

67 MULTIPLICATION OF IWO METRIA IN JAVA USING MULTI DIMENSIONAL EXAMPLE

68. FOR EACH LOOP IN JAVA

69. PASSING ARRAY TO METHODS IN JAVA



## 71 WRAPPER CLASSES AND METHODS IN JAVA

## 73. STRINGS IN JAVA

## 75 STRING METHODS IN JAVA

## 77 DATE CLASS IN LAVA

## 79 GREGORIAN CALENDAR CLASS IN JAVA

## 81. WRITING AND READING ON FILES IN JAVA

## 83. INHERITANCE IN LAVA

## 85. PRACTICAL USAGE OF INHERITANCE IN JAVA

## 87 ADVANCE LEVEL OF ACCESS SPECIFIERS IN JAVA

## 88. PRACTICAL IMPLEMENTATION OF ACCESS SPECIFIERS PART ONE

## 89. PRACTICAL IMPLEMENTATION OF ACCESS SPECIFIERS PART TWO

## 90. SUPER KEYWORD IN LAVA

## 91. JEVOING SUPER CLASS METHODS FROM SUB CLASS

## 92. OVERRIDING METHODS IN JAVA





## **PROGRAMMING**

91. DIFFERENCE BETWEEN OVERRIDING AND OVERLOADING
94. FINAL KEYWORD IN JAVA
95. THIS KEYWORD IN JAVA
96. GET AND SET METHODS IN JAVA
97. ABSTRACT METHODS AND ABSTRACT CLASSES IN JAVA
98. IMPLEMENTATION OF ABSTRACT METHODS AND ABSTRACT CLASSES IN JAVA
99. INTERFACES IN JAVA
100. INTERFACES IMPLEMENTATION IN JAVA
101. DIFFERENCE BETWEEN ABSTRACT CLASSES AND INTERFACES
102. TRY CATCH IN JAVA
103. RULES USING TRY CATCH IN JAVA
104. FINALLY IN JAVA
105. THROWS IN JAVA

## **PYTHON**

1. INTRODUCTION TO PYTHON LANGUAGE
2. ADVANTAGES OF PYTHON PROGRAMMING LANGUAGE
3. PREREQUISITE OF LEARNING PYTHON
4. PYTHON APPLICATIONS IN THE REAL WORLD
5. BRIEF HISTORY OF PYTHON
6. HOW TO DOWNLOAD PYTHON FOR 32 BIT OR 64 BIT OPERATING SYSTEM
7. HOW TO INSTALL PYTHON LANGUAGE IN OUR SYSTEM



8. HOW TO SET EMRONMENTAL PATH VARIABLE FOR PYTHON
9. HOW TO DOWNLOAD AND INSTALL NOTEPADD PLUS PLUS SOFTWARE FOR PYTHON PROGRAMMING
10. HOW TO RUN MY FIRST PROGRAM IN PYTHON
11. VARIABLES IN PYTHON
12. CREATING VARIABLES IN PYTHON
13. VARIABLES NAMONG RULES IN PYTHON
14. COMMENTS IN PYTHON
15. WHITESPACES IN PYTHON
16. DATA TYPES IN PYTHON
17. IMPORTANCE OF DATA TYPES IN PYTHON
18. NUMERX DATA TYPE IN PYTHON
19. HOW TO KNOW THE DATA TYPE OF ANY VARIABLE IN PYTHON
20. TYPE CONVERSION IN PYTHON
21. STRING IN PYTHON
22. MULTI LINE STRING IN PYTHON
23. BOOLEAN DATA TYPES IN PYTHON
24. OPERATORS IN PYTHON
25. ARITHMETIC OPERATORS IN PYTHON
26. ASAGNMENT OPERATORS IN PYTHON
27. COMPARISON OPERATOR IN PYTHON
28. LOGICAL OPERATOR IN PYTHON
29. AND LOGICAL OPERATOR IN PYTHON
30. OR LOGICAL OPERATOR IN PYTHON



## **PROGRAMMING**

- 31. NOT LOGICAL OPERATOR IN PYTHON
- 32. IDENTITY OPERATOR IN PYTHON
- 33. MEMBERSHIP OPERATOR IN PYTHON
- 34. TWISE OPERATORS IN PYTHON
- 35. AND OF BITWISE OPERATIONS IN PYTHON 1
- 36. XOR ONE COMPLEMENT LEFT SHIFT RIGHT SHIFT SITWNE OPERATORS IN PYTHON 2
- 37. DECISION PROCESS IN PYTHON
- 38. IF ELSE IN DECISION PROCESS IN PYTHON
- 39. IF ELSE AND NESTED IF IN PYTHON