



Syllogistek
Systems Private Limited

JAVA COURSE CONTENT

BASICS OF PROGRAMMING

KEYWORDS, COMMENTS

VARIABLES, IDENTIFIERS

DATATYPES

OPERATORS

CONTROL STATEMENTS

- IF- ELSEIF-ELSE
- SWITCH CASE
- FOR,WHILE
- DO WHILE
- BREAK
- CONTINUE
- JUMP

ARRAYS

STRINGS

ABSTRACTION, CLASS, METHOD, SCOPE OF VARIABLES, CONSTRUCTOR, PUBLIC, STATIC, VOID, MAIN

ENCAPSULATION, PUBLIC, DEFAULT, PROTECTED, PRIVATE

INHERITANCE, SUPER, THIS

POLYMORPHISM

LIBRARY CLASSES -MATH, RANDOM, WRAPPER CLASSES

FILE HANDLING

EXCEPTION HANDLING

ARRAYLISTS



WRITING SOME COOL PROGRAMS

1. NUMBER PROBLEMS
2. FACTORS AND FACTORIAL
3. SEARCHING
4. MULTI-DIMENSIONAL ARRAY PROBLEMS
5. ENCRYPTION AND DECRYPTION
6. CREATING STUDENT MASTER FILE
7. CALCULATIONS WITH SHAPES

