Java Programming

(From the Scratch)

With

Junaid Khateeb

Live Online Lectures

(just like being in a classroom from your home or office or just anywhere)

Course Curriculum

Part 1 : Getting Started with Java

- History of Java.
- Installing Java.
- Introduction to IDE's like Netbeans,Eclipse etc.
  .

Part 2 : Java Programming Basics

- Introduction to WORA concept.
- Bytecodes.
- Java Virtual Machine.(JVM)
- Java Development Kit (JDK)
- Features of Java

Part 3 : Getting started with Programming

- DataTypes in Java, Camel Casing Syntax,Keywords
- Types of Variables
- Garbage Collection
- Static Keyword
- Wrapper Classes
- Classes & Objects
- Visibility Labels

Part 4: Control Structures in Java

- If Statement.
- For Statement.
- While Statement.
- Do while statement
- Break & Continue statement.

Part 5: Functions in Java

- What are Functions.
- How to define functions in Java
- Concept of Function Overloading.
- Recursive functions

Part 6: Arrays in Java

- Declaration and Memory Allocation
- 1- Dimensional Arrays

Part 7: Strings & Vectors

- String Class
- Operations on a String.
- Defining and accessing Vectors.

Part 8: Inheritance in Java

- Types of Inheritances
- Concept of Method OVeriding
- Keywords Super,Final & Abstract
- Interfaces in Java

Part 9: Exception Handling in Java

- What are Exception.
- Exceptions Vs Errors.
- Catching Exceptions.
- Reporting exceptions.
- User Defined Exceptions.

Part 10: Multithreading in Java

- What are Threads
- Creating Threads
- Programs on THreads

Part 11: GUI programming Java Swings

- **Creating Visual Interfaces**
- **Adding components like labels,buttons,text field,combo boxes etc.**
- **Adding Actionlisteners**

Part 12: Database Programming using WAMP server and Java Swings

- Creating Databases
- Connecting Databases to Java Applications.
- Reading and Writing to Databases
- Displaying the data in tabulated Manner in the front end.
- Executing SQL queries on Databases.

Project Design in Java Swings

The Course Contains a Complete Project design Using Java Swings and a WAMP server. The project will implement all concepts in Java and help Students in understanding about how to create a complete application in JAVA. No,college curriculum covers this. This will include

- Creating Screens
- Creating Frames
- Adding Components
- Adding action Listeners
- Adding tables to the forms
- Creating Databases
- Connecting Databases to Java Applications.
- Reading and Writing to Databases
- Displaying the data in tabulated Manner in the front end.
- Executing SQL queries on Databases.

Salient Features Of the Course

1) Completely Hand on Course.
2) Online Support from our App and Website.
3) Theoretical concepts covered too, as they are important for certification and Interviews.

About Junaid Khateeb

Qualification : M.E. Computer Engineering
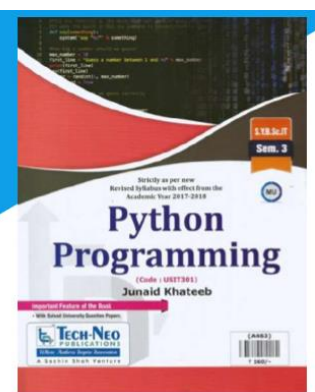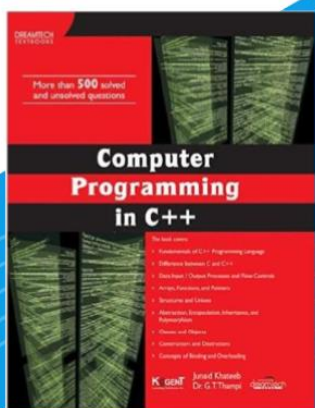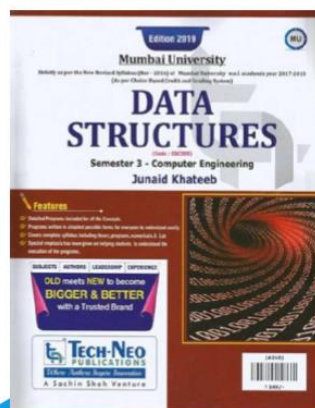
Teaching Experience : 17 Years

Profile: Founder of Khateeb Group of Insitutes & Junkminds.com

Technologies Taught: C , C++ , JAVA , Python , Machine Learning , Artificial Intelligence , R-Programmming

Concepts Taught : Object Oriented Programming,Database Management System,Operating System,Data Structures,Software Engineering,Discrete Mathematics,Analysis of Algorithms,Distributed Processing.

Number Of students trained : over 10,000 and counting.

Author of the Following books:

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