Weekly Status Report

1st August 2019 Batch – Java Full Stack

TESTYANTRA Software Solutions

Week	Date	No. of Days class taken	Remarks
Week 1	01 Aug – 04 Aug	2	No Class on Saturday & Sunday
Week 2	05 Aug – 11 Aug	4	No Class on Friday (Vara Maha Lakshmi Holiday), Saturday & Sunday
Week 3	12 Aug – 16 Aug	4	No Class on Thrusday (Independence Day) & Sunday
Week 4	19 Aug – 23 Aug	5	No Class on Saturday & Sunday
Grand Total		**15**	

Week	Date		
Week 1	01 Aug 2019 to 04 Aug 2019	**Discover/Induction** **(Addressed by : Mr. Girish CEO of Jspiders & Mr. Praveen)** **Core Java Started (Trainer : Vikas)** Java Operators Assignment Operators Relational Operators Arithmetic Operators Conditional Operator Logical Operators if and switch Statements if-else Branching	

| Week 2 | 05 Aug 2019 to 11 Aug 2019 | **Core Java Continuation (Trainer : Vikas)**
Switch Statements
Loops
Using while Loops
Using do Loops
Using for Loops
Using break and continue
Legal Return Types
Return Type Declarations
Returning a Value
Declare Classes
Source File Declaration Rules
Constructor Declarations
Variable Declarations
Declare Class Members
Constructors and Instantiation
Default Constructor
Overloaded Constructors
Inheritance, Is-A,
Overridden Methods
Statics
Static Variables and Methods | **SQL Started (Trainer: Rahul)**
· Introduction
o The Relational Model
· Creating Database Tables
o CREATE DATABASE
o CREATE TABLE
o PRIMARY KEY
o CONSTRAINT
o ALTER TABLE
o DROP TABLE
· Understanding Basic SQL Syntax
o The Relational Model
o Basic SQL Commands – SELECT
o Basic SQL Commands – INSERT
o Basic SQL Commands – UPDATE
o Basic SQL Commands – DELETE
· Querying Data with the SELECT Statement
o The SELECT List
o SELECT List Wildcard (*)
o The FROM Clause
o How to Constrain the Result Set
o DISTINCT and NOT DISTINCT |

| Week 3 | 12 Aug 2019 to 18 Aug 2019 | **Core Java Continuation (Trainer : Vikas)**
Access Modifiers
Nonaccess Member Modifiers
Legal Return Types
Return Type Declarations
Returning a Value
Array Declaration, Construction, and Initialization
Declaring an Array
Constructing an Array
Initializing an Array
Overloaded Methods
Reference Variable Casting
Has-A
Overriding hashCode() and equals()
Overriding equals()
Overriding hashCode() | **Completed SQL (Trainer : Rahul)** |

| Week 4 | 19 Aug 2019 to 25 Aug 2019 | **Core Java Continuation (Trainer : Vikas)**
o Handling Exceptions
o Catching an Exception Using try and catch
o Using finally
o Propagating Uncaught Exceptions
o Defining Exceptions
o Exception Hierarchy
o Handling an Entire Class Hierarchy of Exceptions
o Exception Matching
o Exception Declaration and the Public Interface
o Rethrowing the Same Exception
o Common Exceptions and Errors
o Collections
o So What Do You Do with a Collection?
o List Interface
o Set Interface
o Generic Types
o Map Interface | **Core Java Continuation (Trainer : Vikas)**
o Using the Collections Framework
o ArrayList Basics
o Autoboxing with Collections
o Sorting Collections and Arrays
o Defining, Instantiating, and Starting Threads
o Defining a Thread
o Instantiating a Thread
o Starting a Thread
o Thread States and Transitions
o Thread States
o Preventing Thread Execution
o Sleeping
o Thread Priorities and yield()
o Synchronizing Code |

| Next Week Forecast | 26 Aug 2019 to 1 Sep 2019 | Completing Core Java
Completing JDBC
Conducting Module 1 Test | |