Course Content
Information Technology

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Name of the course:	Certificate in Java Programming
Duration:	4 days
Venue:	Moratuwa

Course content:

- Introduction to Object Oriented Concepts
- Introduction to Java Language
  - ❖ Variables
  - ❖ Data types
  - ❖ Assignment, Arithmetic, and Unary Operators
  - ❖ The Unary Operators
  - ❖ Equality, Relational, and Conditional Operators
  - ❖ Conditional Operators
- Control Flow Statements
  - ❖ Decision making
    - If – Then – Else
    - Switch – Case
  - ❖ Looping
    - For loop
    - While loop
    - Do while loop
  - ❖ Branching statements
    - Break statement
    - Continue statement
    - Return Statement

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- Classes, Objects and Methods
    - ❖ Creating classes
    - ❖ Adding variables
    - ❖ Adding methods
    - ❖ Creating objects
    - ❖ Calling methods
- Implemented Object Oriented Concepts
    - ❖ Encapsulation
    - ❖ Inheritance
    - ❖ Polymorphism
- Arrays, Exceptions and Settings