Visual Basic Outline

Day 1

**Environment Setup & Learning Visual Basics**

* Setup environment to use visual basic and visual basic for excel
* VB-L1 - Visual Basic introduction (Exercises)
* VB-L2 - Object properties and methods (Exercises)
* VB-L3 - Algorithm planning and refinement (Exercises)

Day 2

**Learning Visual Basics Applications with Excel**

* VBA-L1 - Visual Basic introduction Application for Excel (No Exercises)
* VBA-L2 – Creating Macro (Exercises)
* VBA-L3 - Creating Workbook and Worksheet object (No Exercises)
* VBA-L4 – Range Object (Exercises)
* VBA-L5 – Variables (No Exercises)
* VBA-L6 – Conditional Statements (Exercises)
* VBA-L7 – Loops (Exercises)
* VBA-L8 - String Manipulation (No Exercises)
* VBA-L9 – Array (No Exercises)

Total Exercises to submit: 5

Day 3

**Learning Visual Basics**

* VB-L4 – Decisions and debugging (No Exercise) (Need to submit hands on work)
* VB-L5 – Looping constructs
* VB-L6 – Data types & arrays
* VB-L7 – Procedures & arguments
* VB-L8 – procedures & arguments2
* VB-L9 – Modules and File Operations

Day 4

**Revision & Test**

* Revision for Visual Basic
* Revision for Visual Basic for applications with Excel
* 45 minutes / 1-hour assessment on Visual Basic
* 45 minutes / 1-hour assessment on visual basic for applications with excel