**FACILITATOR’S MANUAL**

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| Facilitator’s manual is a guideline to facilitator. Guideline for which all topics /sub-topics to be covered and their sequence. When to go recap or hands-on and with which assignment (mapping of lab assignments with topics)  Basically WHAT–WHEN-HOW  Here, Whole session will be in multiple iteration of 3 steps;  1. What to facilitate, 2. Relevant LAB assignments, 3. Recap and leanings from LAB  Also, there are TIPS (extract from facilitator’s learning) – objective of TIPS is to incorporate best practice and individual’s innovation in facilitating a particular topic. It is desirable that new tips should continue to add/update in this manual.  At last, this is not a rulebook, so it is up to facilitator to follow it or use his/her own style |

**enum**

**Objective -**  To understand ‘enum’ and its usage

**ROUND 1**

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| Topics to be facilitated (teach) | * enum * how to write a enum * use of enum type in switch block |
| LAB assignment | **LAB X.1**  *Write an enum for days-of-week (Sunday to Saturday), say EnumDay; now in EnumPractice’s main method use for loop and EnumClass.value() method to print all the values of EnumDay*  **LAB X.2**  *Adding to Lab x.1; now in EnumPractice main method call a method which tell about a day (this method uses switch block to do so) – pass enum type as key to the switch block* |
| Recap (learning from the LAB assignment) | An *enum type* is a type whose *fields* consist of a fixed set of constants  How to create/write enum and how to use it  How to use enum type for switch-case block  How to create enum type object |

**ROUND 2**

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| Topics to be facilitated (teach) | * Method of enum * Inner enum (enum inside class, enum inside enum) * Local enum (not possible) * Constructor of enum (only private) |
| LAB assignment | **LAB X.3**  *Write an method inside an enum and call this method from main class*  **LAB X.4**  *Write an enum inside a class, use this enum from outside this class*  **LAB X.5**  *Write an enum inside a method, and use this enum inside this method only* |
| Recap (learning from the LAB assignment) | How to call method of enum  Enum can be inner but cannot be local |