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| **Indian School Al Wadi Al Kabir - Syllabus break up for 2014-15** |
| Class 11Informatics practices | Week1  | Week2  | Week3  | Week4  |
| **APRIL** | Hardware concepts**(1)** – Definition of Computer**(1 & 2)** – functional components**(1)** – types of computer , I/P, O/P devices, bus, ports**(1&2)** | Software concepts**(1)** – types of software**(1&2)** – security**(1&2)** – threats, solution to computer security threats**(1&2)** | Getting started with programming**(1&2)** – JVM, Basics of GUI – components, Events, Listeners**(2&3)** | Java programming – Basic controls**(2&3)** – working with labels**(3,4,5 & 6)** |
| **MAY** | Program fundamentals**(1&2)**– java character set**(1&2)** – tokens**(1&2)** – data types**(1&2)** –variables**(1&2)**– constants**(1&2)** - operators**(1&2)** | Java using Swing – I –Types of swing components**(1&2)** – various swing components**(1&2)** – steps to create GUI application , handling events**(1,2&3)** | Java using swing – I – Role of top level **(2&3)** containers**(2&3)** , frames**(2&3)** , panels**(2&3)** | Java using swing –IIFlow of control - Selection statements– using labels, text fields, password fields, text area**(3,4,5 & 6)** . |
| **JUNE** | Flow of controls Java using swing – II – if statement, Nested if..elsestatment**(3,4,5 & 6)** | Flow of controlsJava using swing – II – switch, checkbox and radio button**(3,4,5 & 6)** | - | - |

**Skills to be Applied are as shown below to be given as subscript for each Topic.**

1. Remembering 2. Understanding 3. Applying 4. Analyzing 5. Evaluating 6. Creating

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