**DAILY ASSESSMENT FORMAT**

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| **Date:** | **10-06-2020** | **Name:** | **Bhavith** |
| **Course:** | **Java** | **USN:** | **4AL17EC009** |
| **Topic:** | **Introduction** | **Semester & Section:** | **6th,A** |
| **Github Repository:** | **Bhavith-Online-Courses** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **Screenshot (143)** |
| **Report – Report can be typed or hand written for up to two pages.**  **INTRODUCTION TO JAVA:**   * **JAVA was developed by Sun Microsystems Inc in 1991, later acquired by Oracle Corporation.** * **It was developed by James Gosling and Patrick Naughton. It is a simple programming language.** * **Writing, compiling and debugging a program is easy in java.** * **It helps to create modular programs and reusable code.**   ****Java Virtual Machine (JVM)****   * **This is generally referred as JVM. Before, we discuss about JVM lets see the phases of program execution.** * **Phases are as follows: we write the program, then we compile the program and at last we run the program. 1) Writing of the program is of course done by java programmer like you and me. 2) Compilation of program is done by javac compiler, javac is the primary java compiler included in java development kit (JDK). It takes java program as input and generates java bytecode as output. 3) In third phase, JVM executes the bytecode generated by compiler. This is called program run phase.** |