**DAILY ASSESSMENT FORMAT**

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| **Date:** | **12-06-2020** | **Name:** | **Bhavith** |
| **Course:** | **Java** | **USN:** | **4AL17EC009** |
| **Topic:** | **Loops,Variables** | **Semester & Section:** | **6th,A** |
| **Github Repository:** | **Bhavith-Online-Courses** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **Screenshot (146)** |
| **Report – Report can be typed or hand written for up to two pages.**   * **Looping in programming languages is a feature which facilitates the execution of a set of instructions/functions repeatedly while some condition evaluates to true.** * **Java provides three ways for executing the loops. While all the ways provide similar basic functionality, they differ in their syntax and condition checking time**. * **[while loop:](https://www.geeksforgeeks.org/java-while-loop-with-examples/" \t "https://www.geeksforgeeks.org/loops-in-java/_blank) A while loop is a control flow statement that allows code to be executed repeatedly based on a given Boolean condition.** * **The while loop can be thought of as a repeating if statement.** * **[for loop:](https://www.geeksforgeeks.org/java-for-loop-with-examples/" \t "https://www.geeksforgeeks.org/loops-in-java/_blank) for loop provides a concise way of writing the loop structure.** * **Unlike a while loop, a for statement consumes the initialization, condition and increment/decrement in one line thereby providing a shorter, easy to debug structure of looping.** * ****Infinite loop:** One of the most common mistakes while implementing any sort of looping is that that it may not ever exit, that is the loop runs for infinite time.** * **This happens when the condition fails for some reason.** |