**DAILY ASSESSMENT FORMAT**

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| **Date:** | **27-06-2020** | **Name:** | **Bhavith** |
| **Course:** | **C++** | **USN:** | **4AL17EC009** |
| **Topic:** | **Templates,Exceptions and Files** | **Semester & Section:** | **6th,A** |
| **Github Repository:** | **Bhavith-Online-Courses** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**  **Screenshot (163)** |
| **Report – Report can be typed or hand written for up to two pages.**  **Templates:**   * **A template is a simple and yet very powerful tool in C++.** * **The simple idea is to pass data type as a parameter so that we don’t need to write the same code for different data types.** * **For example, a software company may need sort() for different data types.** * **Rather than writing and maintaining the multiple codes, we can write one sort() and pass data type as a parameter.**   **Exceptions:**   * **One of the advantages of C++ over C is Exception Handling.** * **Exceptions are run-time anomalies or abnormal conditions that a program encounters during its execution.** * **There are two types of exceptions: a)Synchronous, b)Asynchronous(Ex:which are beyond the program’s control, Disc failure etc).**   **Screenshot (164)** |