**DAILY ASSESSMENT FORMAT**

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| **Date:** | **24/06/2020** | **Name:** | **GOURI R S** |
| **Course:** | **C++** | **USN:** | **4AL18EC016** |
| **Topic:** | **Classes and objects** | **Semester & Section:** | **4th sem A section** |
| **Github Repository:** | **gouri-rs** |  |  |

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| **FORENOON SESSION DETAILS** | | | |
| **Image of session:** | | | |
| **Report:**    **Classes and Objects are basic concepts of Object Oriented Programming which revolve around the real life entities. Class. A class is a user defined blueprint or prototype from which objects are created. It represents the set of properties or methods that are common to all objects of one type.**  **Objects have states and behaviors. Example: A dog has states - color, name, breed as well as behaviors – wagging the tail, barking, eating. An object is an instance of a class. Class − A class can be defined as a template/blueprint that describes the behavior/state that the object of its type support.** | | | |
| **Date:** | **24/06/2020** | **Name:** | **GOURI R S** | |
| **Course:** | **C++** | **USN:** | **4AL18EC016** | |
| **Topic:** | **More on classes** | **Semester & Section:** | **4th sem A section** | |
| **Github Repository:** | **gouri-rs** |  |  | |

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| **AFTERNOON SESSION DETAILS** |
| **Image of session:** |
| **Report *:***    **A class in C++ is a user-defined type or data structure declared with keyword class that has data and functions as its members whose access is governed by the three access specifiers private, protected or public. By default access to members of a C++ class is private.**  **C++ Classes and Objects. The main purpose of C++ programming is to add object orientation to the C programming language and classes are the central feature of C++ that supports object-oriented programming and are often called user-defined types.** |