**DAILY ASSESSMENT FORMAT**

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| **Date:** | **25/06/2020** | **Name:** | **Santhosh Reddy** |
| **Course:** | **C++** | **USN:** | **4AL18EC046** |
| **Topic:** | **Inheritance and polymorphism** | **Semester & Section:** | **4th sem A section** |
| **Github Repository:** | **SanthoshReddy** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session:** |
| **Report:**    **polymorphism occurs when there is a hierarchy of classes and they are related by inheritance. C++ polymorphism means that a call to a member function will cause a different function to be executed depending on the type of object that invokes the function. ... This is how polymorphism is generally used.**    **inheritance is a process in which one object acquires all the properties and behaviors of its parent object automatically. ... In C++, the class which inherits the members of another class is called derived class and the class whose members are inherited is called base class.**    **The word polymorphism means having many forms. ... Real life example of polymorphism, a person at the same time can have different characteristic. Like a man at the same time is a father, a husband, an employee. So the same person posses different behavior in different situations. This is called polymorphism.** |