**DAILY ASSESSMENT FORMAT(DAY 5)**

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| **Date:** | **10 Jun 2020** | **Name:** | **Bhuvanesh M** |
| **Course:** | **java** | **USN:** | **4AL16EC015** |
| **Topic:** | **Inheritance** | **Semester & Section:** | **8-A** |
| **Github Repository:** | **Bhuvan** |  |  |

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| **FORENOON SESSION DETAILS** |
| **Image of session**    **REPORT**  A tutorial on the important topic of inheritance in Java -- one of the fundamental building blocks of OOP (Object Oriented Programming)  **CODE**  App.java:    **public** **class** **App** **{**  **public** **static** **void** **main(**String**[]** args**)** **{**  Machine mach1 **=** **new** Machine**();**    mach1**.**start**();**  mach1**.**stop**();**    Car car1 **=** **new** Car**();**    car1**.**start**();**  car1**.**wipeWindShield**();**  car1**.**showInfo**();**  car1**.**stop**();**      **}**  **}**    Machine.java:    **public** **class** **Machine** **{**    **protected** String name **=** "Machine Type 1"**;**    **public** **void** **start()** **{**  System**.**out**.**println**(**"Machine started."**);**  **}**    **public** **void** **stop()** **{**  System**.**out**.**println**(**"Machine stopped."**);**  **}**  **}**    Car.java:    **public** **class** **Car** **extends** Machine **{**      @Override  **public** **void** **start()** **{**  System**.**out**.**println**(**"Car started"**);**  **}**  **public** **void** **wipeWindShield()** **{**  System**.**out**.**println**(**"Wiping windshield"**);**  **}**    **public** **void** **showInfo()** **{**  System**.**out**.**println**(**"Car name: " **+** name**);**  **}**  **}**    Machine started.  Machine stopped.  Car started  Wiping windshield  Car name: Machine Type 1  Machine stopped. |