**DAILY ASSESSMENT FORMAT**

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| **Date:** | **13-07-2020** | **Name:** | **Kavya M M** |
| **Course:** | **Introduction to HTML5** | **USN:** | **4AL17EC040** |
| **Topic:** | **History and evolution, how it works** | **Semester & Section:** | **6th A** |
| **Github Repository:** | **Kavya\_ECE040** |  |  |

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| **FORENOON SESSION DETAILS** |
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| **HTML5** is the fifth revision and newest version of the HTML standard. It offers new features that provide not only rich media support but also enhance support for creating web applications that can interact with users, their local data, and servers more easily and effectively than was previously possible.  TML stands for Hyper Text Markup Language. It is used to design web pages using markup language.  HTML5 introduces new features like interactivity, smarter forms, improved semantics, multimedia in addition to existing features.  Some HTML5 features remain unsupported by some browsers. However, Gecko, and by extension, Firefox, has very good support for HTML5, and work continues toward supporting more of its features.  **Features:**   * It has introduced new multimedia features which supports audio and video controls by using <audio> and <video> tags. * There are new graphics elements including vector graphics and tags. * Enrich semantic content by including <header> <footer>, <article>, <section> and <figure> are added. * Drag and Drop- The user can grab an object and drag it further dropping it on a new location. * Geo-location services- It helps to locate the geographical location of a client. * Web storage facility which provides web application methods to store data on web browser. * Uses SQL database to store data offline. * Allows to draw various shapes like triangle, rectangle, circle, etc. * Capable of handling incorrect syntax. * Easy DOCTYPE declaration i.e. <!doctype html> * Easy character encoding i.e. <meta charset=”UTF-8″> |

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| **Date:** | **13-07-2020** | **Name:** | **Kavya M M** |
| **Course:** | **webinar** | **USN:** | **4AL17EC040** |
| **Topic:** | **Drone industry insights** | **Semester & Section:** | **6th A** |
| **Github Repository:** | **Kavya\_ECE040** |  |  |

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| **Revision class - AMES** |
| Cortex-M3-architecture-simplified - BINARYUPDATES  Simplified view of cortex M3:  • Harvard architecture  • 32-bit architecture  • NVIC  • Memory protection unit  • R0-R12: general purpose register  • R13: stack pointer  • Program counter is used to hold the next instruction to be executed  • Special registers:  1.program status registers  2.interupt mask registers  3.control status register  Feature of NVIC:  • Nested interrupt support  • Vectored interrupt support  • Dynamic priority changes support  • Reduction of interrupt latency  • Interrupt masking  Application:  • Consumer product  • Automotive parts  • Real time system  • Data communication  **•** Industrial control |