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| DAY 9 ASSIGNMENT PRESENTED  BY  POTUKANUMA JEEVITHA |

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| **1.Write 5 points discussed about constructors?** |
| **Ans:** |
| * Constructors is used to initialize class variables. * By default, C# has one constructor i.e., Default constructor to initialize class variables. * If user create user-defined constructor the default constructor will disappear. * Constructor name should be same as class name. If we use same variables as class variable use this. Keyword to differentiate class variable. * For a constructor, there should not be any return type not even void.   **Eg :** Public Employee(int id, string name) |

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| **2. Research and find the difference between NORMAL VARIABLES and STATIC VARIABLES?** |
| **Ans:** |

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| **NORMAL VARIABLES** | **STATIC VARIABLES** |
| * Non-static variables will have one copy each per object. Each instance of a class will have one copy of non-static variables. | * A static variable is associated with the class has only one copy per class but not for each object. An instance of a class does not have static variables. |
| * Instance variables can be accessed only by the instance methods. | * Static variables can be accessed by static or instance methods |
| * Instance variables are allocated at compile time. | * Memory is allocated when the class is loaded in context area at run time. |