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| Day-10 Evening Assignment  By  U.Joshna |

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| 1.Write the 2 main uses of Abstract class by using the example discussed in the class |
| .Abstract class is used for Code-Reusability.  .What ever we have normal methods in the abstract class, we can use them with ease in the derived class. Where as , the abstract methods in the abstract class must be implemented & overridden in the derived class mandatory. OR Enforcing the derived class, must override the abstract methods. |

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| 2.Write C# Code, for demonstrating abstract class |
| Code: |
| using System;  namespace Day\_10\_Evening\_Project1  {    abstract class Salary  {    public int GetPF(int basic)    { return 12 \* basic / 100; }    public int GetHRA(int basic)  { return 40 \* basic / 100; }      public abstract int GetCA();      public abstract int GetSA();  }  class Microsoft : Salary  {  public override int GetCA()  {  return 6000;  }  public override int GetSA()  {  return 7000;  }  }  class Google : Salary  {  public override int GetCA()  {  return 10000;  }  public override int GetSA()  {  return 10000;  }  }  class IBM : Salary  {  public override int GetCA()  {  return 4000;  }  public override int GetSA()  {  return 6000;  }  }  class Facebook : Salary  {  public override int GetCA()  {  return 20000;  }  public override int GetSA()  {  return 20000;  }  internal class Program  {  static void Main(string[] args)  {  // Microsoft Code  // Google Code  // IBM Code  // Facebook Code  Console.WriteLine("Abstract Class Template Execution Success");  Console.ReadLine();  }  }  }  } |
| Output: |
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