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| |  | | --- | | Day 17 assignments by Lokesh Nadella |  1. As we discussed in class create two assemblies,with three classes in first assembly and two classes in another assembly??   Using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  namespace lokeshlibrary  {  public class MyBaseClass  {  public int a;  private int b;  protected int c;  internal int d;  protected internal int e;  public void MyBaseClassMethod()  {  a = 10;  b = 20;  c = 20;  d = 40;  e = 60;  }  }  public class MyDerivedClass : MyBaseClass  {  public void MyDerivedClassMethod()  {  int a = 10;  // b = 20;  c = 20;  d = 40;  e = 60;  }  }  public class MyOtherClass  {  public void MyOtherClassMethod()  {  MyBaseClass mb = new MyBaseClass();  mb.a = 10;  //mb.b = 20;  //mb.c = 20;  mb.d = 40;  mb.e = 60;  }    }  } |
| using System;  using System.Collections.Generic;  using System.Linq;  using System.Text;  using System.Threading.Tasks;  using lokeshlibrary;  namespace publiclibrary  {  public class MYDerivedClass : MyBaseClass  {  public void MyDerivedClassMethod()  {  int a = 10;  // b = 20;  c = 20;  //d = 40;  e = 60;  }  }  public class MyOtherClass  {  public void MyOtherClassmethod()  {  MYDerivedClass mb = new MYDerivedClass();  mb.a = 10;  //mb.b = 20;  //mb.c = 20;  //mb.d = 40;  //mb.e = 60;  }  }  } |

2.Research and write what is assembly in c# ??

\*it is primary building block of a .Net application

\*a assembly can be a single file or it may consist of multiple files

\*an assembly is a file that is automatically generate by the compiler upon successful compilation of every .Net

Application

\*it can be a .Exe file or dll(dynamic link library)

3.in a tabular format write the access modifiers and explain??

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| With assembly other assembly |

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|  | Within class | Derived class | Other class |  | Derived class | Other class |  |
| Public | Yes | yes | Yes |  | Yes | Yes |  |
| private | Yes | No | No |  | No | No |  |
| protected | Yes | Yes | No |  | Yes | No |  |
| internal | yes | yes | yes |  | no | no |  |