1. What are the different access modifiers ?
2. Describe private Access Modifier ?
3. Describe protected Access Modifier ?
4. Describe public Access Modifier ?

5)

**package** com.learnJava.accessModifiers;  
  
  
**class DefaultAccessModifier** {  
  
 **int age**;  
 String **name**;  
}

**package** com.learnJava.anatomyClass;  
  
**public class Sample** {  
  
 **public static void** main(String[] args) {

DefaultAccessModifier defaultAccessModifier = **new** DefaultAccessModifier();  
 }  
}

Question:

1. Will the Sample class compile or not ?
2. Based on the answer above state the reason.
3. **public class** PrivateAccessModifier {  
     
    **private int age**;  
    **private** String **name**;  
   }
4. **package** com.learnJava.anatomyClass;  
     
   **import** com.learnJava.accessModifiers.PrivateAccessModifier;  
     
   **public class** Sample {  
     
    **public static void** main(String[] args) {  
   PrivateAccessModifier privateAccessModifier= **new** PrivateAccessModifier();  
    privateAccessModifier.**age** = 12;  
    }  
   }

Question:

1. Will the Sample class compile or not ?
2. Based on the answer above state the reason.