1. Under **Student** folder you have three packages with name **p1,p2,p3** respectively. In **p1** there is a public class called **A** defined in file **A.java**. Package **p1** also contains another subpackage **p4** with public class **D** in file **D.java**. Package **p2** has a public class **B** in file **B.java**. In p3 the main class C in file **C.java** is defined which instantiates classes **A,B,D**. Write steps required to create above package hierarchy and explain in detail how and where we have to compile and run the main class **C**. Also give import statements required for **C.java**.
2. Why 'super' used in constructors should be the first statement?  
   Why can't we make constructors and static methods abstract?
3. Explain the difference between the abstract class and interface. Explain with a real world example
4. Explain finalize(), finally, final (variables, method, class). Give example to explain each of these.
5. Create an interface called Player. The interface has a method called play() that displays a message describing the meaning of “play” to the class. Create classes called Child, Musician, and Actor that all implement Player. Create an application that demonstrates the use of the classes. Also demonstrate the dynamic polymorphism using the above class objects