Package and classpath

If you have this file structure  
  
~/proj/  
     T.class **(1)**  
      T.java  
           ==> class T { .....}  
      /foo  
          T.class **(2)**  
           T.java  
           ==> package foo  
               class T {...}  
          /bar  
             T.class **(3)**  
              T.java  
              ==> package foo.bar  
                  class T {...}  
  
  
Case 1: java -classpath=~/proj:~/proj/foo:~/proj/foo/bar T  
  
 Which T.class will be accessed? 1 or 2 or 3 or error  
  
Case 2: java -classpath=~/proj:~/proj/foo:~/proj/foo/bar foo.T  
  
 Which T.class will be accessed? 1 or 2 or 3 or error  
   
Case 3: java -classpath=~/proj:~/proj/foo:~/proj/foo/bar foo.bar.T  
  
 Which T.class will be accessed? 1 or 2 or 3 or error  
  
Case 4: java -classpath=~/proj:~/proj/foo:~/proj/foo/bar bar.T  
  
 Which T.class will be accessed? 1 or 2 or 3 or error

[Links to an external site.](https://hc.labnet.sfbu.edu/~henry/sfbu/course/introjava/java_class/slide/classStruct.htm" \l "cols" \t "_blank)