

JAVA means DURGA SOFT

SCJP / OCPJP

Question Bank

Chapter 15 : Development



DURGA M.Tech

(Sun certified & Realtime Expert)

Ex. IBM Employee

Trained Lakhs of Students
for last 14 years across INDIA

India's No.1 Software Training Institute

DURGASOFT

www.durgasoft.com Ph: 9246212143 ,8096969696

15.Development

Q: 01 Click the Exhibit button.

Given the fully-qualified class names:

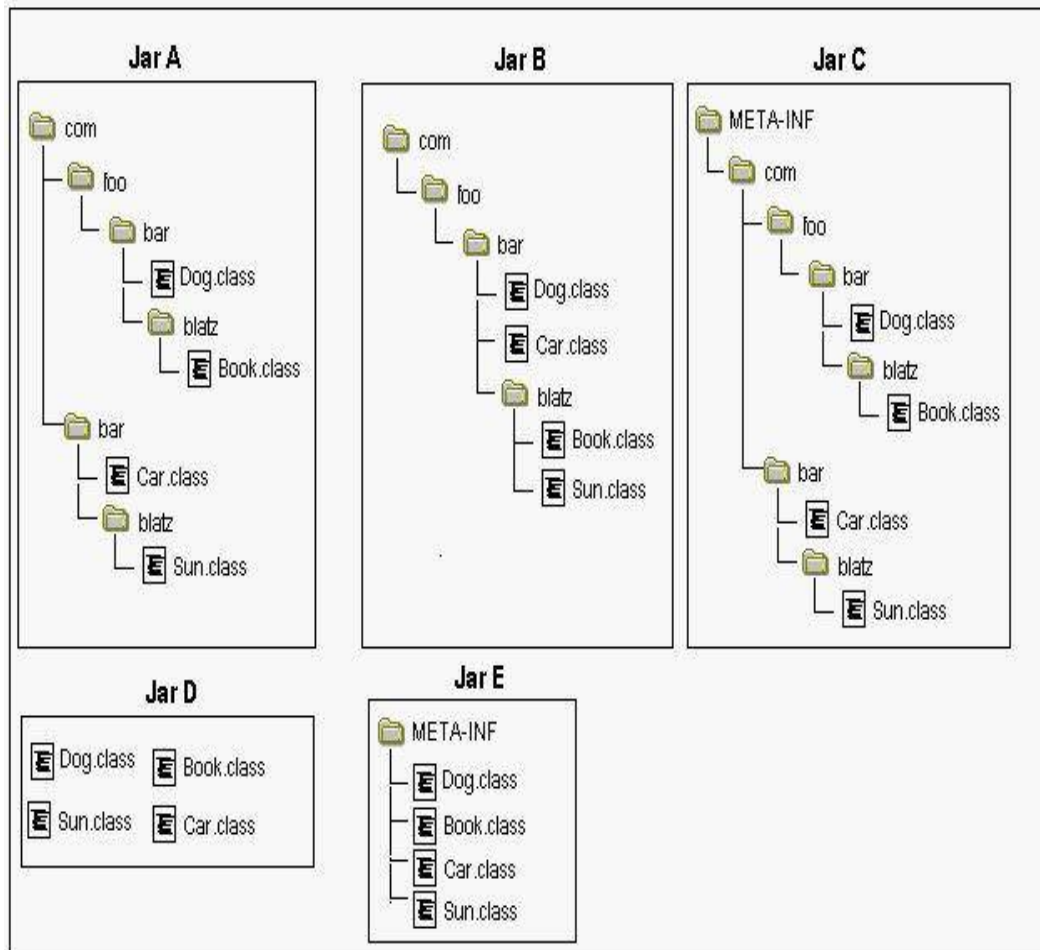
`com.foo.bar.Dog`

`com.foo.bar.blatz.Book`

`com.bar.Car`

`com.bar.blatz.Sun`

Which graph represents the correct directory structure for a JAR file from which those classes can be used by the compiler and JVM?



A. Jar A

B. Jar B

C. Jar C

D. Jar D

E. Jar E

Answer: A

DURGA's SCJP Material

Q: 02

A class `games.cards.Poker` is correctly defined in the jar file `Poker.jar`. A user wants to execute the main method of `Poker` on a UNIX system using the command:
`java games.cards.Poker` What allows the user to do this?

- A. put `Poker.jar` in directory `/stuff/java`, and set the `CLASSPATH` to include `/stuff/java`
- B. put `Poker.jar` in directory `/stuff/java`, and set the `CLASSPATH` to include `/stuff/java/*.jar`
- C. Put `Poker.jar` in directory `/stuff/java`, and set the `CLASSPATH` to include `/stuff/java/Poker.jar`
- D. put `Poker.jar` in directory `/stuff/java/games/cards`, and set the `CLASSPATH` to include `/stuff/java`
- E. put `Poker.jar` in directory `/stuff/java/games/cards`, and set the `CLASSPATH` to include `/stuff/java/*.jar`
- F. put `Poker.jar` in directory `/stuff/java/games/cards`, and set the `CLASSPATH` to include `/stuff/java/Poker.jar`

Answer: C

LEARN FROM EXPERT & DIAMOND FACULTIES OF AMEERPET...

JAVA MEANS DURGASOFT

INDIA'S NO. 1 SOFTWARE TRAINING INSTITUTE

AN ISO 9001:2008 CERTIFIED
DURGA
SOFTWARE SOLUTIONS

#202 2nd FLOOR
www.durgasoft.com

040-64512786
+91 9246212143
+91 8096969696

Q: 03 Given:

```
11. public class Commander {  
12. public static void main(String[] args) {  
13. String myProp = /* insert code here */  
14. System.out.println(myProp);  
15. }  
16. }
```

and the command line:

`java -Dprop.custom=gobstopper Commander`

Which two, placed on line 13, will produce the output `gobstopper`? (Choose two.)

- A. `System.load("prop.custom");`
- B. `System.getenv("prop.custom");`
- C. `System.property("prop.custom");`
- D. `System.getProperty("prop.custom");`
- E. `System.getProperties().getProperty("prop.custom");`

Answer: D, E

Q: 04

A developer is creating a class `Book`, that needs to access class `Paper`. The `Paper` class is deployed in a JAR named `myLib.jar`. Which three, taken independently, will allow the developer to use the `Paper` class while compiling the `Book` class? (Choose three.)

- A. The JAR file is located at `$JAVA_HOME/jre/classes/myLib.jar`.
- B. The JAR file is located at `$JAVA_HOME/jre/lib/ext/myLib.jar`.
- C. The JAR file is located at `/foo/myLib.jar` and a classpath environment variable is set that includes `/foo/myLib.jar/Paper.class`.
- D. The JAR file is located at `/foo/myLib.jar` and a classpath environment variable is set that includes

DURGA's SCJP Material

/foo/myLib.jar.

E. The JAR file is located at /foo/myLib.jar and the Book class is compiled using javac -cp /foo/myLib.jar/Paper Book.java.

F. The JAR file is located at /foo/myLib.jar and the Book class is compiled using javac -d /foo/myLib.jar

Book.java

G. The JAR file is located at /foo/myLib.jar and the Book class is compiled using javac -classpath /foo/myLib.jar Book.java

Answer: B, D, G

Q: 05 Click the Task button.

The image at right represents a complete package structure for a set of classes: "com" is the beginning of the fully-qualified package name for all classes.

Given this package structure, insert the code needed to make the Car class compile and run successfully.

All three placeholders must be filled. If fewer than three statements are needed, use the "// blank" option.

place here

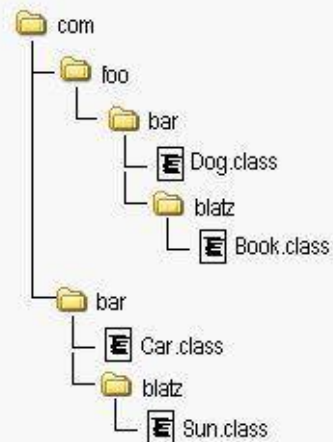
Place here

Place here

```
public class Car {  
    Book book;  
    Dog dog;  
}
```

import com.foo.bar.blatz.*;	package com.foo.bar.blatz;
import com.bar.*;	import com.*;
package com.bar;	package com;
import com.foo.*;	// blank
import com.foo.bar.*;	import com.foo.bar.Book;

Done



Solution:

1. package com.bar;
2. import com.foo.bar.*;
3. import com.foo.bar.blatz.*;



Q: 06 Given:

1. `package com.company.application;`
- 2.
3. `public class MainClass {`
4. `public static void main(String[] args) {}`
5. `}`

And MainClass exists in the `/apps/com/company/application` directory. Assume the CLASSPATH

environment variable is set to `"."` (current directory).

Which two java commands entered at the command line will run MainClass? (Choose two.)

- A. `java MainClass` if run from the `/apps` directory
- B. `java com.company.application.MainClass` if run from the `/apps` directory
- C. `java -classpath /apps com.company.application.MainClass` if run from any directory
- D. `java -classpath . MainClass` if run from the `/apps/com/company/application` directory
- E. `java -classpath /apps/com/company/application:. MainClass` if run from the `/apps` directory
- F. `java com.company.application.MainClass` if run from the `/apps/com/company/application` directory

Answer: B, C

Q: 07 Given a correctly compiled class whose source code is:

1. `package com.sun.sjcp;`
2. `public class Commander {`
3. `public static void main(String[] args) {`
4. `// more code here`
5. `}`
6. `}`

Assume that the class file is located in `/foo/com/sun/sjcp/`, the current directory is `/foo/`, and that the classpath contains `"."` (current directory).

Which command line correctly runs Commander?

- A. `java Commander`
- B. `java com.sun.sjcp.Commander`
- C. `java com/sun/sjcp/Commander`
- D. `java -cp com.sun.sjcp Commander`
- E. `java -cp com/sun/sjcp Commander`

Answer: B

DURGA's SCJP Material

Q: 08

A UNIX user named Bob wants to replace his chess program with a new one, but he is not sure where the old one is installed. Bob is currently able to run a Java chess program starting from his home directory /home/bob using the command:

```
java -classpath /test:/home/bob/downloads/*.jar games.
```

Chess Bob's CLASSPATH is set (at login time) to:

```
/usr/lib:/home/bob/classes:/opt/java/lib:/opt/java/lib/*.jar
```

What is a possible location for the Chess.class file?

- A. /test/Chess.class
- B. /home/bob/Chess.class
- C. /test/games/Chess.class
- D. /usr/lib/games/Chess.class
- E. /home/bob/games/Chess.class
- F. inside jarfile /opt/java/lib/Games.jar (with a correct manifest)
- G. inside jarfile /home/bob/downloads/Games.jar (with a correct manifest)

Answer: C

www.durgasoftonlinelearning.com



**Online Training
Pre Recorded Video
Classes Training
Corporate Training**

**Ph: +91-8885252627, 7207212427
+91-7207212428**

 **USA Ph : 4433326786**

E-mail : durgasoftonlinelearning@gmail.com

Q: 09

Given the following directory structure:

```
bigProject
|--source
| |--Utils.java
|
|--classes
|--
```

And the following command line invocation:

```
javac -d classes source/Utils.java
```

Assume the current directory is bigProject, what is the result?

- A. If the compile is successful, Utils.class is added to the source directory.
- B. The compiler returns an invalid flag error.
- C. If the compile is successful, Utils.class is added to the classes directory.
- D. If the compile is successful, Utils.class is added to the bigProject directory.

Answer: C

LEARN FROM EXPERTS ...

COMPLETE JAVA

CORE JAVA, ADV. JAVA, ORACLE, STRUTS, HIBERNATE, SPRING, WEB SERVICES,...

COMPLETE .NET

C#.NET, ASP.NET, SQL SERVER, MVC 5 & WCF

TESTING TOOLS

MANUAL + SELENIUM

ORACLE | D2K

MSBI | SHARE POINT

HADOOP | ANDROID

C, C++, DS, UNIX

CRT & APTITUDE TRAINING

AN ISO 9001:2008 CERTIFIED

DURGA

Software Solutions®

202, 2nd Floor, HUDA Maitrivanam,
Ameerpet, Hyd. Ph: 040-64512786,

9246212143, 8096969696

www.durgasoft.com