

**QUESTION**

Given:

```
import static java.lang.System.*;
class _ {
    static public void main(String... __A_V__) {
        String $ = "";
        for(int x=0; ++x < __A_V__.length; )
            $ += __A_V__[x];
        out.println($);
    }
}
```

And the command line:

```
java _ - A .
```

What is the result?

- A. -A
- B. A.
- C. -A.
- D. \_A.
- E. \_-A.
- F. Compilation fails
- G. An exception is thrown at runtime

Correct Answer:

---

**QUESTION**

Given:

```
public class Pass2 {
    public static void main(String [] args) {
        int x = 6;
        doStuff(x);
        System.out.print(" main x = " + x);
    }
    void doStuff(int x) {
        System.out.print(" doStuff x = " + ++x);
    }
}
```

And the command-line invocations:

```
javac Pass2.java
java Pass2 5
```

What is the result?

- A. Compilation fails.
- B. An exception is thrown at runtime.
- C. doStuff x = 6 main x = 6
- D. doStuff x = 6 main x = 7
- E. doStuff x = 7 main x = 6
- F. doStuff x = 7 main x = 7

**Correct Answer:**

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#### QUESTION

Given the following code:

```
11. public static void test(String str) {  
12.     if(str == null | str.length() == 0) {  
13.         System.out.println("String is empty");  
14.     } else {  
15.         System.out.println("String is not empty");  
16.     }  
17. }
```

And the invocation:

```
31. test(null);
```

What is the result?

- A. An exception is thrown at runtime
- B. "String is empty" is printed to output
- C. Compilation fails because of an error in line 12.
- D. "String is not empty" is printed to output.

**Correct Answer:**

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#### QUESTION

Given:

```
class Fork {  
    public static void main(String[] args) {  
        if (args.length == 1 | args[1].equals("test")) {  
            System.out.println("test case");  
        } else {  
            System.out.println("production " + args[0]);  
        }  
    }  
}
```

And the command-line invocation:

java Fork live2

**What is the result?**

- A. test case
- B. production live2
- C. test case live2
- D. Compilation fails
- E. An exception is thrown at runtime

**Correct Answer:**

---

#### QUESTION

**Given:**

```
public class Pass2 {  
    public void main(String [] args) {  
        int x = 6;  
        Pass2 p = new Pass2();  
        p.doStuff(x);  
        System.out.print(" main x = " + x);  
    }  
    void doStuff(int x) {  
        System.out.print(" doStuff x = " + x++);  
    }  
}
```

**And the command-line invocations:**

```
javac Pass2.java  
java Pass2 5
```

What is the result?

- A. Compilation fails.
- B. An exception is thrown at runtime.
- C. doStuff x = 6 main x = 6
- D. doStuff x = 6 main x = 7
- E. doStuff x = 7 main x = 6
- F. doStuff x = 7 main x = 7

**Correct Answer:**

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**QUESTION**

Given:

```
public class Pass2 {  
    public static void main(String [] args) {  
        int x;  
        int y;  
        System.out.print(" main x = " + x++);  
        System.out.print(" main y = " + ++y);  
    }  
}
```

And the command-line invocations:

```
javac Pass2.java
```

```
java Pass2
```

What is the result?

- A. Compilation fails.
- B. An exception is thrown at runtime.
- C. main x = 0 main y = 1
- D. main x = 1 main y = 0
- E. main x = 0 main y = 0
- F. main x = 1 main y = 1

**Correct Answer:**

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**QUESTION**

Given the following code:

```
1. // insert code here  
2. class StatTest {  
3.     public static void main(String[] args) {  
4.         System.out.println(Integer.MAX_VALUE);  
5.     }  
6. }
```

Which, inserted independently at line 1, compiles? (Choose all that apply.)

- A. import static java.lang;
- B. import static java.lang.Integer;
- C. import static java.lang.Integer.\*;
- D. import static java.lang.Integer.\*\_VALUE;
- E. import static java.lang.Integer.MAX\_VALUE;
- F. None of the above statements are valid import syntax

**Correct Answer:**

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**QUESTION**

Given the following code:

```
1. // insert code here
2. public class TestStaticImport {
3.     public static void main(String[] args) {
4.         out.println(MAX_VALUE);
5.         out.println(toHexString(42));
6.     }
7. }
```

Which two imports are required to compile?

- A. import java.lang.\*;
- B. import static java.lang.Integer.\*;
- C. import java.lang.System;
- D. import static java.lang.System.out;
- E. static import java.lang.System.\*;
- F. import java.lang.System.\*;
- G. import java.lang.Integer.toHexString;

**Correct Answer:**

---

**QUESTION**

Given the following code:

```
12. public class Commander {
13.     public static void main(String[] args) {
14.         String myProp = /* insert code here */
15.         System.out.println(myProp);
16.     }
17. }
```

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");

**Correct Answer:**

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## QUESTION

Given the following code:

```
import java.util.*;

public class Values {
    public static void main(String[] args) {
        Properties p = System.getProperties();
        p.setProperty("myProp", "myValue");
        System.out.print(p.getProperty("cmdProp") + " ");
        System.out.print(p.getProperty("myProp") + " ");
        System.out.print(p.getProperty("noProp") + " ");
        p.setProperty("cmdProp", "newValue");
        System.out.print(p.getProperty("cmdProp"));
    }
}
```

And given the command line invocation:

```
java -DcmdProp=cmdValue Values
```

What is the output?

- A. null myValue null null
- B. cmdValue null null cmdValue
- C. cmdValue null null newValue
- D. cmdValue myValue null cmdValue
- E. cmdValue myValue null newValue
- F. An exception is thrown at runtime

Correct Answer:

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## QUESTION

You want to use the static member MYCONST belonging to class A in abc.org.project package. Which one of the following statements shows the correct use of static import feature?

- a) static import abc.org.project.A;
- b) static import abc.org.project.A.MYCONST;
- c) import static abc.org.project.A;
- d) import static abc.org.project.A.MYCONST;

Correct Answer:

---

### QUESTION

Given:

```
public class Test {  
}
```

Which two packages are automatically imported into the java source file by the java compiler?

- A. java.lang
- B. java.awt
- C. javax.net
- D. java.\*
- E. The package with no name

**Correct Answer:**

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### QUESTION

Which one of the following programs compiles without any errors and prints "hello world" in console?

a) import static java.lang.System.out.println;

```
class StaticImport {  
    public static void main(String []args) {  
        println("hello world");  
    }  
}
```

b) import static java.lang.System.out;

```
class StaticImport {  
    public static void main(String []args) {  
        out.println("hello world");  
    }  
}
```

c) import static java.lang.System.out.\*;

```
class StaticImport {  
    public static void main(String []args) {  
        out.println("hello world");  
    }  
}
```

d) import static java.lang.System.out.\*;

```
class StaticImport {  
    public static void main(String []args) {  
        println("hello world");  
    }  
}
```

**Correct Answer:**

---

### QUESTION

Consider the following program:

```
// class PQR in mock package
package mock;
public class PQR {
    public static void foo() {
        System.out.println("foo");
    }
}

// class XYZ in mock package
package mock;
import static mock.*;
public class XYZ {
    public static PQR pqr;
}

// class StatImport
import static mock.XYZ.*;
class StatImport {
    public static void main(String []args) {
        // STMT
    }
}
```

Which one of the following statements will compile without errors when replaced with the line marked with the comment STMT?

- a) foo();
- b) pqr.foo();
- c) PQR.foo();
- d) XYZ.pqr.foo();

**Correct Answer:**

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### QUESTION

Given:

```
public class Yippee {
    public static void main(String [] args) {
        for(int x = 1; x < args.length; x++) {
            System.out.print(args[x] + " ");
        }
    }
}
```



and two separate command line invocations:

```
java Yippee
```

```
java Yippee 1 2 3 4
```

**What is the result?**

- A. No output is produced.  
1 2 3
- B. No output is produced.  
2 3 4
- C. No output is produced.  
1 2 3 4
- D. An exception is thrown at runtime.  
1 2 3
- E. An exception is thrown at runtime.  
2 3 4
- F. An exception is thrown at runtime.  
1 2 3 4

**Correct Answer:**

---

#### QUESTION

**Given a class Repetition:**

```
package utils;
```

```
public class Repetition {  
    public static String twice(String s) { return s + s; }  
}
```

**and given another class Demo:**

```
01. public class Demo {  
02.     public static void main(String[] args) {  
03.         System.out.println(twice("pizza"));  
04.     }  
05. }
```

**Which code should be inserted at line 1 of Demo.java to compile and run Demo to print "pizzapizza"?**

- A. `import utils.*;`
- B. `static import utils.*;`
- C. `import utils.Repetition.*;`
- D. `static import utils.Repetition.*;`
- E. `import utils.Repetition.twice();`
- F. `import static utils.Repetition.twice;`
- G. `static import utils.Repetition.twice;`

**Correct Answer:**

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**QUESTION**

What gets printed when the following code is compiled and run with the following command

java test 2

```
public class test {  
    public static void main(String args[]) {  
        Integer intObj=Integer.valueOf(args[args.length-1]);  
        int i = intObj.intValue();  
        if(args.length > 1)  
            System.out.println(i);  
        if(args.length > 0)  
            System.out.println(i - 1);  
        else  
            System.out.println(i - 2);  
    }  
}
```

Select the one correct answer.

- A. test
- B. test -1
- C. 0
- D. 1
- E. 2
- F. Compilation fails
- G. An exception is thrown

**Correct Answer:**

---

**QUESTION**

Which two will compile, and can be run successfully using the command:

java Fred1 hello walls

- A. 

```
class Fred1{  
    public static void main (String args) {  
        System.out.println(args[1]);  
    }  
}
```
- B. 

```
class Fred1{  
    public static void main (String [] args) {  
        System.out.println(args[2]);  
    }  
}
```

- C.     class Fred1 {  
            public static void main (String [] args) {  
                System.out.println (args);  
            }  
    }
- D.     class Fred1 {  
            public static void main (String [] args) {  
                System.out.println (args [1]);  
            }  
    }

**Correct Answer:**

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