

SCJP试题 - SCJPMockExam3 PDF转换可能丢失图片或格式 ,
建议阅读原文

https://www.100test.com/kao_ti2020/145/2021_2022_SCJP_E8_AF_95_E9_A2_98_c104_145602.htm Question 1) What will happen

when you attempt to compile and run this code?

```
abstract class Base{abstract public void myfunc().public void
```

```
another(){System.out.println("Another method").}}public class Abs
```

```
extends Base{public static void main(String argv[]){Abs a = new
```

```
Abs().a.amethod().}public void myfunc(){System.out.println("My
```

```
Func").} public void amethod(){myfunc(). }}1) The code will
```

```
compile and run, printing out the words "My Func"2) The compiler
```

```
will complain that the Base class has non abstract methods3) The
```

```
code will compile but complain at run time that the Base class has
```

```
non abstract methods4) The compiler will complain that the method
```

```
myfunc in the base class has no body, nobody at all to looove
```

itAnswer to Question

1-----

-----Question 2) What will happen when you attempt to

```
compile and run this code? public class MyMain{public static void
```

```
main(String argv){System.out.println("Hello cruel world").}}1) The
```

```
compiler will complain that main is a reserved word and cannot be
```

```
used for a class2) The code will compile and when run will print out
```

```
"Hello cruel world"3) The code will compile but will complain at run
```

```
time that no constructor is defined4) The code will compile but will
```

```
complain at run time that main is not correctly definedAnswer to
```

Question

2-----
-----Question 3) Which of the following are Java modifiers? 1) public 2) private 3) friendly 4) transient 5) vagrant
Answer to Question 3-----

-----Question 4) What will happen when you attempt to compile and run this code?

```
class Base { abstract public void myfunc(); public void another() { System.out.println("Another method"); } } public class Abs extends Base { public static void main(String argv[]) { Abs a = new Abs(); a.amethod(); } public void myfunc() { System.out.println("My func"); } public void amethod() { myfunc(); } }
```


1) The code will compile and run, printing out the words "My Func" 2) The compiler will complain that the Base class is not declared as abstract. 3) The code will compile but complain at run time that the Base class has non abstract methods 4) The compiler will complain that the method myfunc in the base class has no body, nobody at all to looove it
Answer to Question 4-----

-----Question 5) Why might you define a method as native? 1) To get to access hardware that Java does not know about 2) To define a new data type such as an unsigned integer 3) To write optimised code for performance in a language such as C/C 4) To overcome the limitation of the private scope of a method
Answer to Question 5-----

-----Question 6) What will happen when you attempt to compile and run this code?

```
class Base { public final void amethod() { System.out.println("amethod"); } } public class Fin
```

extends Base{public static void main(String argv[]){Base b = new Base().b.amethod().}}1) Compile time error indicating that a class with any final methods must be declared final itself2) Compile time error indicating that you cannot inherit from a class with final methods3) Run time error indicating that Base is not defined as final4) Success in compilation and output of "amethod" at run time.
Answer to Question

6-----
-----Question 7)What will happen when you attempt to compile and run this code?public class Mod{public static void main(String argv[]){}public static native void amethod().}1) Error at compilation: native method cannot be static2) Error at compilation native method must return value3) Compilation but error at run time unless you have made code containing native amethod available4) Compilation and execution without error
Answer to Question

7-----
-----Question 8)What will happen when you attempt to compile and run this code?private class Base{}public class Vis{transient int iVal.public static void main(String elephant[]){}}1)Compile time error: Base cannot be private2)Compile time error indicating that an integer cannot be transient3)Compile time error transient not a data type4)Compile time error malformed main method
Answer to Question

8-----
-----Question 9)What happens when you attempt to compile

and run these two files in the same directory?
//File P1.java
package MyPackage;
class P1 {
void afancymethod() {
System.out.println("What a fancy method");
}}
//File P2.java
public class P2 extends P1 {
afancymethod() {
}}
1) Both compile and P2 outputs "What a fancy method" when run
2) Neither will compile
3) Both compile but P2 has an error at run time
4) P1 compiles cleanly but P2 has an error at compile time
Answer to Question

9-----

-----Question 10) You want to find out the value of the last element of an array. You write the following code. What will happen when you compile and run it?
public class MyAr {
public static void main(String argv[]) {
int[] i = new int[5];
System.out.println(i[5]);
}}
1) An error at compile time
2) An error at run time
3) The value 0 will be output
4) The string "null" will be output
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