

CoolCram Demo For (310-035) Sun Certified Programmer for Java 2 Platform 1.4

1. Which statement is true?

- A. catch(X x) can catch subclasses of X.
- B. The Error class is a RuntimeException.
- C. Any statement that can throw an Error must be enclosed in a try block.
- D. Any statement that can throw an Exception must be enclosed in a try block.
- E. Any statement that can throw a RuntimeException must be enclosed in a try block.

Answer: A

2. Which statement is true about assertion in the Java programming language?

- A. Assertion expressions should not contain side effects.
- B. Assertion expression values can be any primitive type.
- C. Assertion should be used for enforcing preconditions on public methods.
- D. An AssertionError thrown as a result of a failed assertion should always be handled by the enclosing method.

Answer: A

3. Given:

1. package foo;
- 2.
3. import java.util.Vector;
- 4.
5. private class MyVector extends Vector {
6. int i = 1;
7. public MyVector() {
8. i = 2,
9. }
10. }
- 11.
12. public class MyNewVector extends MyVector {
13. public MyNewVector() {
14. i = 4;
15. }
16. public static void main(String args[]) {
17. MyVector v = new MyNewVector();
18. }
19. }

What is the result?

- A. Compilation succeeds.
- B. Compilation fails because of an error at line 5.
- C. Compilation fails because of an error at line 6.
- D. Compilation fails because of an error at line 14.
- E. Compilation fails because of an error at line 17.

Answer: B

4. Given:

```
1. class Super {  
2. Super(int i) { }  
3. }  
4. class Sub extends Super{ }  
5. class All {  
6. public static void main (String [] args) {  
7. new Sub();  
8. }  
9. }
```

Which is true?

- A. Compilation fails.
- B. The code runs without exception.
- C. An exception is thrown at line 7.
- D. An exception is thrown at line 2.

Answer: A

5. Given:

```
10. int i = 0;  
11. for (; i <4; i += 2) {  
12. System.out.print(i + "");  
13. }  
14. System.out.println(i);
```

What is the result?

- A. 0 2 4
- B. 0 2 4 5
- C. 0 1 2 3 4
- D. Compilation fails.
- E. An exception is thrown at runtime.

Answer: A