

JAVA – 100 HARD CODE-BASED MCQs

(WITH ANSWERS AT END)

◆ TOPIC 1: JVM, Memory, Data Types, Operators (Q1–Q15)

Q1

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(10 + 20 * 30);  
    }  
}
```

- A) 900
 - B) 600
 - C) 610
 - D) 700
-

Q2

```
class Test {  
    public static void main(String[] args) {  
        System.out.println('A' + 1);  
    }  
}
```

- A) A1
 - B) 66
 - C) Compilation error
 - D) Runtime error
-

Q3

```
class Test {  
    public static void main(String[] args) {  
        byte b = 10;  
        b = b + 1;  
        System.out.println(b);  
    }  
}
```

- A) 11
B) 10
C) Compilation error
D) Runtime error
-

Q4

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(10 == 10.0);  
    }  
}
```

- A) true
B) false
C) Compilation error
D) Runtime error
-

Q5

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(null == null);  
    }  
}
```

- A) true
B) false
C) Compilation error
D) Runtime error
-

Q6

```
class Test {  
    public static void main(String[] args) {  
        int x = 5;  
        System.out.println(x++ + ++x);  
    }  
}
```

- A) 11
B) 12
C) 13
D) 14
-

Q7

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(0.1 + 0.2 == 0.3);  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q8

```
class Test {  
    static int x;  
    public static void main(String[] args) {  
        System.out.println(x);  
    }  
}
```

- A) Garbage value
 - B) 0
 - C) Compilation error
 - D) Runtime error
-

Q9

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Math.min(Double.MIN_VALUE, 0.0d));  
    }  
}
```

- A) Double.MIN_VALUE
 - B) 0.0
 - C) Compilation error
 - D) Runtime error
-

Q10

```
class Test {  
    public static void main(String[] args) {  
        int x = 10;  
        x += 5;  
        System.out.println(x);  
    }  
}
```

```
    }  
}
```

- A) 10
 - B) 15
 - C) Compilation error
 - D) Runtime error
-

Q11

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(5 / 2);  
    }  
}
```

- A) 2
 - B) 2.5
 - C) Compilation error
 - D) Runtime error
-

Q12

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(5 / 2.0);  
    }  
}
```

- A) 2
 - B) 2.5
 - C) Compilation error
 - D) Runtime error
-

Q13

```
class Test {  
    public static void main(String[] args) {  
        int x = 10;  
        System.out.println(x == 10 ? "Yes" : "No");  
    }  
}
```

- A) true
- B) false
- C) Yes
- D) No

Q14

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(10 << 2);  
    }  
}
```

- A) 20
 - B) 40
 - C) 80
 - D) 5
-

Q15

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(-10 >>> 2);  
    }  
}
```

- A) -2
 - B) -3
 - C) Large positive number
 - D) Compilation error
-

ANSWERS (Q1–Q15)

1. C
2. B
3. C
4. A
5. A
6. C
7. B
8. B
9. B
10. B
11. A
12. B
13. C
14. B
15. C

TOPIC 2: Strings, StringBuilder, Wrapper Classes (Q16–Q30)

Q16

```
class Test {  
    public static void main(String[] args) {  
        String s = "Java";  
        s.concat("World");  
        System.out.println(s);  
    }  
}
```

- A) JavaWorld
 - B) Java
 - C) Compilation error
 - D) Runtime error
-

Q17

```
class Test {  
    public static void main(String[] args) {  
        String s1 = "Java";  
        String s2 = "Java";  
        System.out.println(s1 == s2);  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q18

```
class Test {  
    public static void main(String[] args) {  
        String s1 = new String("Java");  
        String s2 = new String("Java");  
        System.out.println(s1 == s2);  
    }  
}
```

- A) true
- B) false

- C) Compilation error
D) Runtime error
-

Q19

```
class Test {  
    public static void main(String[] args) {  
        String s = "Java";  
        s = s.concat(" SE");  
        System.out.println(s);  
    }  
}
```

- A) Java
B) JavaSE
C) Java SE
D) Compilation error
-

Q20

```
class Test {  
    public static void main(String[] args) {  
        StringBuilder sb = new StringBuilder("Java");  
        sb.append("World");  
        System.out.println(sb);  
    }  
}
```

- A) Java
B) World
C) JavaWorld
D) Compilation error
-

Q21

```
class Test {  
    public static void main(String[] args) {  
        StringBuilder sb = new StringBuilder("Java");  
        System.out.println(sb.reverse());  
    }  
}
```

- A) Java
B) avaJ
C) Compilation error
D) Runtime error

Q22

```
class Test {  
    public static void main(String[] args) {  
        String s = null;  
        System.out.println(s + "Java");  
    }  
}
```

- A) Java
 - B) nullJava
 - C) NullPointerException
 - D) Compilation error
-

Q23

```
class Test {  
    public static void main(String[] args) {  
        Integer i1 = 127;  
        Integer i2 = 127;  
        System.out.println(i1 == i2);  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q24

```
class Test {  
    public static void main(String[] args) {  
        Integer i1 = 128;  
        Integer i2 = 128;  
        System.out.println(i1 == i2);  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q25

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Integer.parseInt("10") + 20);  
    }  
}
```

- A) 30
 - B) 1020
 - C) Compilation error
 - D) Runtime error
-

Q26

```
class Test {  
    public static void main(String[] args) {  
        String s = "Java";  
        System.out.println(s.substring(1, 3));  
    }  
}
```

- A) Ja
 - B) av
 - C) va
 - D) ava
-

Q27

```
class Test {  
    public static void main(String[] args) {  
        String s = "Java";  
        System.out.println(s.charAt(4));  
    }  
}
```

- A) a
 - B) Exception
 - C) Compilation error
 - D) Runtime error
-

Q28

```
class Test {  
    public static void main(String[] args) {  
        System.out.println("Java".equals(new String("Java")));  
    }  
}
```

- A) true
B) false
C) Compilation error
D) Runtime error
-

Q29

```
class Test {  
    public static void main(String[] args) {  
        StringBuilder sb = new StringBuilder();  
        System.out.println(sb.capacity());  
    }  
}
```

- A) 0
B) 10
C) 16
D) 32
-

Q30

```
class Test {  
    public static void main(String[] args) {  
        String s = "Java";  
        s.toUpperCase();  
        System.out.println(s);  
    }  
}
```

- A) JAVA
B) Java
C) Compilation error
D) Runtime error
-

ANSWERS (Q16–Q30)

16. B
17. A
18. B
19. C
20. C
21. B
22. B
23. A
24. B

- 25. A
- 26. B
- 27. D
- 28. A
- 29. C
- 30. B

TOPIC 3: OOP, Inheritance, Polymorphism, `super`, `this` (Q31–Q50)

Q31

```
class A {  
    A() {  
        System.out.print("A");  
    }  
}  
class B extends A {  
    B() {  
        System.out.print("B");  
    }  
}  
public class Test {  
    public static void main(String[] args) {  
        new B();  
    }  
}
```

- A) A
- B) B
- C) AB
- D) BA

Q32

```
class A {  
    void m1() {  
        System.out.println("A");  
    }  
}  
class B extends A {  
    void m1() {  
        System.out.println("B");  
    }  
}  
public class Test {  
    public static void main(String[] args) {  
        A obj = new B();  
        obj.m1();  
    }  
}
```

}

- A) A
 - B) B
 - C) Compilation error
 - D) Runtime error
-

Q33

```
class A {  
    static void m1() {  
        System.out.println("A");  
    }  
}  
class B extends A {  
    static void m1() {  
        System.out.println("B");  
    }  
}  
public class Test {  
    public static void main(String[] args) {  
        A obj = new B();  
        obj.m1();  
    }  
}
```

- A) A
 - B) B
 - C) Compilation error
 - D) Runtime error
-

Q34

```
class A {  
    final void m1() {  
        System.out.println("A");  
    }  
}  
class B extends A {  
    void m1() {  
        System.out.println("B");  
    }  
}
```

- A) Compiles successfully
 - B) Compilation error
 - C) Runtime error
 - D) No output
-

Q35

```
class A {  
    A() {  
        this(10);  
        System.out.print("A");  
    }  
    A(int x) {  
        System.out.print(x);  
    }  
}  
public class Test {  
    public static void main(String[] args) {  
        new A();  
    }  
}
```

- A) A10
 - B) 10A
 - C) Compilation error
 - D) Runtime error
-

Q36

```
class A {  
    int x = 10;  
}  
class B extends A {  
    int x = 20;  
    void print() {  
        System.out.println(super.x);  
    }  
}  
public class Test {  
    public static void main(String[] args) {  
        new B().print();  
    }  
}
```

- A) 10
 - B) 20
 - C) Compilation error
 - D) Runtime error
-

Q37

```
class A {  
    private void m1() {  
        System.out.println("A");  
    }  
}  
class B extends A {
```

```

        void m1() {
            System.out.println("B");
        }
    }
public class Test {
    public static void main(String[] args) {
        A obj = new B();
        obj.m1();
    }
}

```

- A) A
 B) B
 C) Compilation error
 D) Runtime error
-

Q38

```

class A {
    int x = 10;
}
class B extends A {
    int x = 20;
}
public class Test {
    public static void main(String[] args) {
        A obj = new B();
        System.out.println(obj.x);
    }
}

```

- A) 10
 B) 20
 C) Compilation error
 D) Runtime error
-

Q39

```

abstract class A {
    abstract void m1();
}
class B extends A {
    void m1() {
        System.out.println("B");
    }
}
public class Test {
    public static void main(String[] args) {
        A obj = new B();
        obj.m1();
    }
}

```

-
- A) A
 - B) B
 - C) Compilation error
 - D) Runtime error
-

Q40

```
interface A {
    void m1();
}
class B implements A {
    public void m1() {
        System.out.println("B");
    }
}
public class Test {
    public static void main(String[] args) {
        A obj = new B();
        obj.m1();
    }
}
```

- A) A
 - B) B
 - C) Compilation error
 - D) Runtime error
-

Q41

```
class A {
    static {
        System.out.print("A");
    }
}
class B extends A {
    static {
        System.out.print("B");
    }
}
public class Test {
    public static void main(String[] args) {
        new B();
    }
}
```

- A) A
 - B) B
 - C) AB
 - D) BA
-

Q42

```
class A {
    int x = 10;
}
class B extends A {
    B() {
        System.out.println(x);
    }
}
public class Test {
    public static void main(String[] args) {
        new B();
    }
}
```

- A) 0
 - B) 10
 - C) Compilation error
 - D) Runtime error
-

Q43

```
class A {
    A() {
        System.out.print("A");
    }
}
class B extends A {
    B() {
        super();
        System.out.print("B");
    }
}
public class Test {
    public static void main(String[] args) {
        new B();
    }
}
```

- A) A
 - B) B
 - C) AB
 - D) BA
-

Q44

```
class A {
    static int x = 10;
}
class B extends A {
    static int x = 20;
```

```
}

public class Test {
    public static void main(String[] args) {
        A obj = new B();
        System.out.println(obj.x);
    }
}
```

- A) 10
B) 20
C) Compilation error
D) Runtime error
-

Q45

```
class A {
    A() {
        System.out.println("A");
    }
}
class B extends A {
    B() {
        System.out.println("B");
    }
}
class C extends B {
    C() {
        System.out.println("C");
    }
}
public class Test {
    public static void main(String[] args) {
        new C();
    }
}
```

- A) C
B) BC
C) ABC
D) CBA
-

Q46

```
class A {
    void m1() {
        System.out.println("A");
    }
}
class B extends A {
    void m1() {
        System.out.println("B");
    }
}
```

```
void call() {
    super.m1();
}
}
public class Test {
    public static void main(String[] args) {
        new B().call();
    }
}
```

- A) A
 - B) B
 - C) AB
 - D) BA
-

Q47

```
class A {
    static void m1() {
        System.out.println("A");
    }
}
class B extends A {
    void m1() {
        System.out.println("B");
    }
}
```

- A) Compiles successfully
 - B) Compilation error
 - C) Runtime error
 - D) No output
-

Q48

```
class A {
    protected void m1() {}
}
class B extends A {
    void m1() {}
}
```

- A) Compiles successfully
 - B) Compilation error
 - C) Runtime error
 - D) No output
-

Q49

```
class A {  
    public static void main(String[] args) {  
        System.out.println("A");  
    }  
}  
class B extends A {}
```

Running `java B` gives:

- A) A
 - B) Compilation error
 - C) Runtime error
 - D) No output
-

Q50

```
class Test {  
    Test() {  
        System.out.println("Default");  
    }  
    Test(int x) {  
        this();  
        System.out.println(x);  
    }  
    public static void main(String[] args) {  
        new Test(5);  
    }  
}
```

- A) 5
 - B) Default
 - C) Default 5
 - D) Compilation error
-

ANSWERS (Q31–Q50)

- 31. C
- 32. B
- 33. A
- 34. B
- 35. B
- 36. A
- 37. C
- 38. A
- 39. B
- 40. B
- 41. C
- 42. B
- 43. C

- 44. A
- 45. C
- 46. A
- 47. B
- 48. B
- 49. A
- 50. C

◆ TOPIC 4: Exception Handling & Multithreading (Q51–Q70)

Q51

```
class Test {  
    public static void main(String[] args) {  
        try {  
            System.out.println(10 / 0);  
        } catch (ArithmetricException e) {  
            System.out.println("AE");  
        } finally {  
            System.out.println("Finally");  
        }  
    }  
}
```

- A) AE
 - B) Finally
 - C) AE Finally
 - D) Compilation error
-

Q52

```
class Test {  
    static void m1() throws Exception {  
        throw new Exception();  
    }  
    public static void main(String[] args) {  
        try {  
            m1();  
        } catch (Runtimeexception e) {  
            System.out.println("RE");  
        } catch (Exception e) {  
            System.out.println("E");  
        }  
    }  
}
```

- A) RE
- B) E

- C) Compilation error
D) Runtime error
-

Q53

```
class Test {  
    public static void main(String[] args) {  
        try {  
            return;  
        } finally {  
            System.out.println("Finally");  
        }  
    }  
}
```

- A) No output
B) Finally
C) Compilation error
D) Runtime error
-

Q54

```
class Test {  
    public static void main(String[] args) {  
        try {  
            System.out.println("Try");  
            System.exit(0);  
        } finally {  
            System.out.println("Finally");  
        }  
    }  
}
```

- A) Try
B) Finally
C) Try Finally
D) No output
-

Q55

```
class Test {  
    public static void main(String[] args) {  
        try {  
            System.out.println("Try");  
        }  
    }  
}
```

-
- A) Try
 - B) Compilation error
 - C) Runtime error
 - D) No output
-

Q56

```
class Test extends Thread {  
    public void run() {  
        System.out.println("Run");  
    }  
    public static void main(String[] args) {  
        Test t = new Test();  
        t.start();  
        t.start();  
    }  
}
```

- A) Run Run
 - B) Run
 - C) Runtime exception
 - D) Compilation error
-

Q57

```
class Test implements Runnable {  
    public void run() {  
        System.out.println("Run");  
    }  
    public static void main(String[] args) {  
        Thread t = new Thread(new Test());  
        t.run();  
    }  
}
```

- A) Run in new thread
 - B) Run in main thread
 - C) No output
 - D) Compilation error
-

Q58

```
class Test {  
    public static void main(String[] args) {  
        Thread t = new Thread();  
        t.start();  
        System.out.println(t.getState());  
    }  
}
```

}

- A) NEW
 - B) RUNNABLE
 - C) TERMINATED
 - D) BLOCKED
-

Q59

```
class Test extends Thread {  
    public void run() {  
        System.out.println(Thread.currentThread().getName());  
    }  
    public static void main(String[] args) {  
        new Test().start();  
    }  
}
```

- A) main
 - B) Thread-0
 - C) Thread-1
 - D) Compilation error
-

Q60

```
class Test {  
    public static void main(String[] args) {  
        Thread t = new Thread(() -> System.out.println("Run"));  
        t.start();  
    }  
}
```

- A) Run
 - B) Compilation error
 - C) Runtime error
 - D) No output
-

Q61

```
class Test {  
    public static synchronized void m1() {  
        System.out.println("Static");  
    }  
    public synchronized void m2() {  
        System.out.println("Instance");  
    }  
}
```

Which lock is used by `m1()`?

- A) Object lock
 - B) Class-level lock
 - C) No lock
 - D) Both
-

Q62

```
class Test extends Thread {  
    public void run() {  
        System.out.println("Run");  
    }  
}  
public class Demo {  
    public static void main(String[] args) {  
        Test t = new Test();  
        t.run();  
    }  
}
```

- A) New thread
 - B) Main thread
 - C) No output
 - D) Compilation error
-

Q63

```
class Test {  
    public static void main(String[] args) throws Exception {  
        Thread.sleep(1000);  
        System.out.println("Awake");  
    }  
}
```

- A) Awake immediately
 - B) Awake after 1 sec
 - C) Compilation error
 - D) Runtime error
-

Q64

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Thread.currentThread().getPriority());  
    }  
}
```

Default priority?

- A) 1
 - B) 5
 - C) 10
 - D) OS dependent
-

Q65

```
class Test {  
    public static void main(String[] args) {  
        Thread t = new Thread();  
        System.out.println(t.isAlive());  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q66

```
class Test {  
    public static void main(String[] args) {  
        Thread t = new Thread();  
        t.setDaemon(true);  
        t.start();  
        System.out.println(t.isDaemon());  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q67

```
class Test {  
    public static void main(String[] args) {  
        synchronized(Test.class) {  
            System.out.println("Lock");  
        }  
    }  
}
```

-
- A) Object lock
 - B) Class lock
 - C) No lock
 - D) Runtime error
-

Q68

```
class Test {  
    public static void main(String[] args) {  
        Thread t = new Thread();  
        t.start();  
        t.join();  
        System.out.println("End");  
    }  
}
```

- A) Compilation error
 - B) Runtime error
 - C) End
 - D) No output
-

Q69

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Thread.holdsLock(new Object()));  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q70

```
class Test {  
    public static void main(String[] args) {  
        Thread t = new Thread();  
        t.start();  
        t.start();  
    }  
}
```

- A) No output
- B) Runtime exception

- C) Compilation error
D) Infinite loop
-

ANSWERS (Q51–Q70)

51. C
52. B
53. B
54. A
55. B
56. C
57. B
58. B
59. B
60. A
61. B
62. B
63. B
64. B
65. B
66. A
67. B
68. C
69. B
70. B

TOPIC 5: Collections, Generics, File I/O, Miscellaneous (Q71–Q100)

Q71

```
import java.util.*;
class Test {
    public static void main(String[] args) {
        List list = new ArrayList();
        list.add("Java");
        list.add(10);
        System.out.println(list);
    }
}
```

- A) Compilation error
B) Runtime error
C) [Java, 10]
D) [10, Java]

Q72

```
import java.util.*;
class Test {
    public static void main(String[] args) {
        List<String> list = new ArrayList<>();
        list.add("Java");
        list.add(null);
        System.out.println(list);
    }
}
```

- A) Compilation error
 - B) Runtime error
 - C) [Java, null]
 - D) [null, Java]
-

Q73

```
import java.util.*;
class Test {
    public static void main(String[] args) {
        Set<Integer> set = new HashSet<>();
        set.add(10);
        set.add(10);
        System.out.println(set.size());
    }
}
```

- A) 0
 - B) 1
 - C) 2
 - D) Compilation error
-

Q74

```
import java.util.*;
class Test {
    public static void main(String[] args) {
        Map<String, Integer> map = new HashMap<>();
        map.put("A", 1);
        map.put("A", 2);
        System.out.println(map.get("A"));
    }
}
```

- A) 1
- B) 2

- C) null
D) Compilation error
-

Q75

```
import java.util.*;  
class Test {  
    public static void main(String[] args) {  
        List<Integer> list = Arrays.asList(1, 2, 3);  
        list.add(4);  
        System.out.println(list);  
    }  
}
```

- A) [1, 2, 3, 4]
B) Compilation error
C) Runtime exception
D) [1, 2, 3]
-

Q76

```
import java.util.*;  
class Test {  
    public static void main(String[] args) {  
        List<Integer> list = new ArrayList<>();  
        list.add(1);  
        list.add(2);  
        list.add(3);  
        list.remove(1);  
        System.out.println(list);  
    }  
}
```

- A) [1, 2, 3]
B) [1, 3]
C) [2, 3]
D) [1, 2]
-

Q77

```
import java.util.*;  
class Test {  
    public static void main(String[] args) {  
        Queue<Integer> q = new PriorityQueue<>();  
        q.add(3);  
        q.add(1);  
        q.add(2);  
        System.out.println(q.poll());  
    }  
}
```

}

- A) 3
 - B) 2
 - C) 1
 - D) Order not defined
-

Q78

```
import java.util.*;
class Test {
    public static void main(String[] args) {
        TreeSet<Integer> set = new TreeSet<>();
        set.add(null);
        System.out.println(set);
    }
}
```

- A) [null]
 - B) Compilation error
 - C) Runtime exception
 - D) []
-

Q79

```
import java.util.*;
class Test {
    public static void main(String[] args) {
        Map<Integer, String> map = new Hashtable<>();
        map.put(1, null);
        System.out.println(map);
    }
}
```

- A) {1=null}
 - B) {}
 - C) Compilation error
 - D) Runtime exception
-

Q80

```
import java.util.*;
class Test {
    public static void main(String[] args) {
        List<String> list = new Vector<>();
        list.add("A");
        list.add("B");
        System.out.println(list);
```

```
        }  
    }
```

- A) Compilation error
 - B) Runtime error
 - C) [A, B]
 - D) {}
-

Q81

```
import java.util.*;  
class Test {  
    public static void main(String[] args) {  
        Iterator<Integer> it = new ArrayList<Integer>().iterator();  
        System.out.println(it.hasNext());  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q82

```
class Test<T> {  
    T obj;  
    Test(T obj) {  
        this.obj = obj;  
    }  
    T get() {  
        return obj;  
    }  
}  
public class Demo {  
    public static void main(String[] args) {  
        Test<Integer> t = new Test<>(10);  
        System.out.println(t.get());  
    }  
}
```

- A) Compilation error
 - B) Runtime error
 - C) 10
 - D) null
-

Q83

```
import java.io.*;
class Test {
    public static void main(String[] args) throws Exception {
        File f = new File("abc.txt");
        System.out.println(f.exists());
    }
}
```

- A) true always
 - B) false always
 - C) Depends if file exists
 - D) Compilation error
-

Q84

```
import java.io.*;
class Test {
    public static void main(String[] args) throws Exception {
        File f = new File("abc.txt");
        f.createNewFile();
        System.out.println(f.exists());
    }
}
```

- A) false
 - B) true
 - C) Compilation error
 - D) Runtime error
-

Q85

```
import java.io.*;
class Test {
    public static void main(String[] args) throws Exception {
        FileOutputStream fos = new FileOutputStream("a.txt");
        fos.write(65);
        fos.close();
    }
}
```

- What is written to file?
- A) 65
 - B) 'A'
 - C) Compilation error
 - D) Runtime error
-

Q86

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(String.format("%d", 10.5));  
    }  
}
```

- A) 10
 - B) 10.5
 - C) IllegalFormatConversionException
 - D) Compilation error
-

Q87

```
enum Day {  
    MON, TUE;  
}  
class Test {  
    public static void main(String[] args) {  
        System.out.println(Day.MON.ordinal());  
    }  
}
```

- A) 0
 - B) 1
 - C) Compilation error
 - D) Runtime error
-

Q88

```
class Test {  
    public static void main(String[] args) {  
        assert false : "Error";  
        System.out.println("Done");  
    }  
}
```

When assertions are enabled:

- A) Done
 - B) Error
 - C) AssertionException
 - D) Compilation error
-

Q89

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Class.forName("java.lang.String"));  
    }  
}
```

}

- A) java.lang.String
 - B) class java.lang.String
 - C) Compilation error
 - D) Runtime error
-

Q90

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Void.TYPE);  
    }  
}
```

- A) void
 - B) Void
 - C) null
 - D) Compilation error
-

Q91

```
class Test {  
    static {  
        System.out.println("Static");  
    }  
    public static void main(String[] args) {  
        System.out.println("Main");  
    }  
}
```

- A) Main
 - B) Static
 - C) Static Main
 - D) Compilation error
-

Q92

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Math.round(10.5));  
    }  
}
```

- A) 10
- B) 11

- C) 10.5
D) Compilation error
-

Q93

```
class Test {  
    public static void main(String[] args) {  
        System.out.println("Java".compareTo("Java"));  
    }  
}
```

- A) 1
B) -1
C) 0
D) Compilation error
-

Q94

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(System.getProperty("java.version"));  
    }  
}
```

- A) Compilation error
B) Runtime error
C) JVM version
D) null
-

Q95

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Runtime.getRuntime().availableProcessors());  
    }  
}
```

- A) Always 1
B) Number of CPU cores
C) JVM version
D) Compilation error
-

Q96

```
class Test {  
    public static void main(String[] args) {  
        System.out.println("Java".intern() == "Java");  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q97

```
class Test {  
    public static void main(String[] args) {  
        String s = new String("Java");  
        s.intern();  
        System.out.println(s == "Java");  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q98

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Boolean.valueOf("true"));  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q99

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Character.isDigit('5'));  
    }  
}
```

- A) true
 - B) false
 - C) Compilation error
 - D) Runtime error
-

Q100

```
class Test {  
    public static void main(String[] args) {  
        System.out.println(Math.max('A', 100));  
    }  
}
```

- A) A
 - B) 65
 - C) 100
 - D) Compilation error
-



ANSWERS (Q71–Q100)

- 71. C
- 72. C
- 73. B
- 74. B
- 75. C
- 76. B
- 77. C
- 78. C
- 79. D
- 80. C
- 81. B
- 82. C
- 83. C
- 84. B
- 85. B
- 86. C
- 87. A
- 88. C
- 89. B
- 90. A
- 91. C
- 92. B
- 93. C
- 94. C
- 95. B
- 96. A

- 97. B
- 98. A
- 99. A
- 100. C