



Chapter-Wise Core Java Interview Questions

Multiple Choice Questions on Control Statements:

1) What will be the output of the following code?

```
for (int i = 1; i <= 3; i++) {  
    for (int j = 1; j <= 3; j++) {  
        if (i == j) break;  
        System.out.print(i + "" + j + " ");  
    }  
}
```

- A) 12 13 23
- B) 21 31 32
- C) 12 13 23 31 32
- D) 12 23 31

2) What will be the output of the following code?

```
int day = 5;  
switch (day) {  
    case 1:  
    case 2:  
        System.out.println("Weekday");  
        break;  
    case 6:  
    case 7:  
        System.out.println("Weekend");  
        break;  
    default:  
        System.out.println("Invalid");  
}
```

- A) Weekday
- B) Weekend
- C) Invalid
- D) Compile-time error

3) What is the output of the following code snippet?

```
for (int i = 1; i <= 3; i++) {  
    for (int j = 1; j <= 3; j++) {  
        if (j == 2) continue;  
        System.out.print(i + "" + j + " ");  
    }  
}
```

- A) 11 13 21 23 31 33
- B) 11 12 13 21 22 23 31 32 33
- C) 12 22
- D) 11 13 21 23 31 33

4) What will be the output of the following code snippet?

```
int i = 0;  
while (i < 3) {  
    if (i == 2) return;  
    System.out.print(i + " ");  
    i++;  
}
```

- A) 0 1 2
- B) 0 1
- C) 0 1 2 3
- D) No output

5) What will be the output of the following code?

```
for (int i = 1; i <= 3; i++) {  
    for (int j = 1; j <= 3; j++) {  
        if (j == 2) break;  
        System.out.print(i + "" + j + " ");  
    }  
}
```

- A) 11 12 13
- B) 11 13 21 23 31 33
- C) 11 12 21 23 31 33
- D) 11 21 31

6) What is the output of the following code?

```
int x = 3;
switch (x) {
    case 1: System.out.println("One"); break;
    case 2: System.out.println("Two"); break;
    case 3: System.out.println("Three"); break;
    default: System.out.println("Invalid");
}
```

- A) One
- B) Two
- C) Three
- D) Invalid

7) What will be the output of the following code?

```
int i = 1;
do {
    System.out.print(i + " ");
    i++;
} while (i <= 3);
```

- A) 1 2 3
- B) 2 3
- C) 1 2 3 4
- D) No output

8) What will be the output of the following code?

```
int num = 10;
switch (num) {
    case 1: System.out.println("One");
    break;
    case 2: System.out.println("Two");
    break;

    default: System.out.println("Invalid");
}
```

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- A) One
- B) Two
- C) Invalid
- D) Compile-time error

9) What is the output of the following code?

```
for (int i = 1; i <= 4; i++) {  
    if (i == 2) continue;  
    System.out.print(i + " ");  
}
```

- A) 1 2 3 4
- B) 1 3 4
- C) 2 3 4
- D) 1 3

10) What will be the result of the following code?

```
public void testMethod() {  
    int x = 5;  
    if (x == 5) return;  
    System.out.println("This will not print.");  
}
```

- A) Prints "This will not print."
- B) No output
- C) Throws a compile-time error
- D) Infinite loop

Coding Questions on Control Statements:

1. Write a Java program to check if a number is an Armstrong number.
2. Write a Java program that takes an integer input for a day of the week (1-7) and prints the corresponding day (e.g., 1 for Monday, 2 for Tuesday, etc.) using a switch-case statement. If the input is not between 1 and 7, print "Invalid input".
3. Write a Java program to print the following pattern

Pattern: 1

 12

 123

 1234

 12345