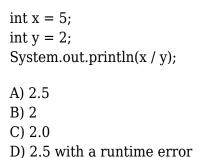


# Java MCQs - 4

**Topics**: JAVA

Written on March 18, 2024

31. What is the output of the following code?



## Answer: B) 2

32. Which of the following operators in Java is used to perform concatenation of strings?

- A) +
- B) -
- C) \*
- D) /

#### Answer: A) +

- 33. What is the purpose of the 'default' keyword in Java switch statements?
- A) It specifies a default value for a variable.
- B) It is used to define default values for class fields.
- C) It specifies the default case to be executed if no other case matches.
- D) It is used to create default constructors for classes.

### Answer: C) It specifies the default case to be executed if no other case matches.

34. Which of the following is NOT a valid loop construct in Java?

- A) for
- B) foreach
- C) dowhile
- D) repeat

#### **Answer: D) repeat**

35. What is the output of the following code?

```
int[] numbers = {1, 2, 3, 4, 5};
for (int i = 0; i < numbers.length; i++) {
    System.out.print(numbers[i] + " ");
}
A) 1 2 3 4 5
B) 5 4 3 2 1
C) 1, 2, 3, 4, 5
D) 5, 4, 3, 2, 1</pre>
```

#### Answer: A) 1 2 3 4 5

- 36. What does the 'super()' keyword do in Java?
- A) It calls the superclass constructor.
- B) It calls the current class constructor.
- C) It calls the default constructor of the superclass.
- D) It returns the superclass instance.

#### Answer: A) It calls the superclass constructor.

- 37. Which of the following is true about the 'instanceof' operator in Java?
- A) It checks if an object is an instance of a particular class.
- B) It checks if two objects are identical.
- C) It compares the memory addresses of two objects.
- D) It checks if an object is null.

### Answer: A) It checks if an object is an instance of a particular class.

38. What is the output of the following code?

```
int x = 5;
int y = 2;
System.out.println(x % y);
A) 2.5
B) 2
C) 2.0
D) 1
```

#### Answer: D) 1

- 39. Which of the following statements is true about method overriding in Java?
- A) Method overriding occurs when a subclass provides a specific implementation of a method that is already provided by its superclass.
- B) Method overriding occurs when a subclass provides a new method with the same name as a

method in its superclass.

- C) Method overriding allows a subclass to access private methods of its superclass.
- D) Method overriding is not allowed in Java.

# Answer: A) Method overriding occurs when a subclass provides a specific implementation of a method that is already provided by its superclass.

40. Which of the following access modifiers restricts access the most in Java?

- A) public
- B) protected
- C) private
- D) default (no modifier)

**Answer: C) private** 

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