



LANGUAGE FUNDAMENTALS



*Comments in
Java*

1

What are the types of comments available in Java?

A

Single-line, Multi-line, and Documentation comments

B

Inline, Block, and Documentation comments)

C

Single-line, Inline, and Block comments

D

Multi-line and Block comments

2

Which of the following symbols is used for single-line comments in Java?

A

'/*'

B

'//'

C

'/'

D

'#'

3

How do you write a multi-line comment in Java?

A

'// this is a comment'

B

'/* this is a comment */'

C

'/ this is a comment /'

D

'# this is a comment'

4

What is the purpose of documentation comments in Java?

A

To generate API documentation

B

To hide code during testing

C

To speed up program execution

D

To comment multiple lines of code

5

Which comment style is used to document methods and classes in Java?

A

`// Single-line comments`

B

`/* Multi-line comments */`

C

**`/* documentation comments`
 `* documentation comments`
 `* documentation comments`**

`*/`

D

`<!-- HTML-style comments -->`

6

What will happen if you add a comment inside a string in Java?



The program will ignore the comment



The program will throw an error



The comment will be part of the string output



The comment will be automatically removed

7

Which of the following is correct for a multi-line comment in Java?



*This is a comment
On multiple lines*

/*

*/



*This is a comment
On multiple lines*

//

//



*This is a comment
On multiple lines*

#

//



*This is a comment
On multiple lines*

//

8

What is the output of the following code?

```
System.out.println("Hello"); //this is a comment
```

A

No output due to the comment

B

Error due to the comment

C

Hello

D

Hello followed by "This is a comment"

9

What is the purpose of using comments in Java code?

A

To increase code execution speed

B

To temporarily disable a block of code

C

To add readable notes for programmers

D

Both B and C

10

Can comments be nested in Java?



Yes, in all types of comments



No, comments cannot be nested



Only in multi-line comments



Only in documentation comments

11

What will happen if you forget to close a multi-line comment /) in Java?*



The program will ignore the comment



The program will throw a compilation error



The program will generate a warning



The program will run normally but ignore the unclosed comment

12

What is the output of the following code?

```
System.out.println("Java"); /*  
Multi-line  
comment begins here */  
System.out.println("Comments");
```



A
*Java
Comments*



B *No output due to comments*



C *Java*



D *snake_case*