

Worksheet_3 Answer

1. Use a pointer
2. Keyword
3. Object class
4. `boolean b3 = false`
5. default
6. public, static, final
7. Array
8. Infinite
9. This
10. 3
11. All of the mentioned
12. System
13. 8
14. main method
15. All of the mentioned
16. Runtime error
17. 0

18 1. Access_modifier: Specifies the accessibility of the method, such as public, private, protected, or default

2. static : Indicates whether the method belongs to the class itself (static method) or to instances of the class.

3. final: Indicates that the method cannot be overridden by subclasses.

4. return_type: Specifies the data type of the value that the method returns. If the method does not return any value, use the keyword void.

5. method_name: Specifies the name of the method. Choose a meaningful name following Java naming conventions.

6. `parameter_list` : Specifies the parameters that the method accepts. If the method does not require any parameters, leave the parentheses empty. If there are multiple parameters, separate them with commas. Each parameter consists of a data type followed by a parameter name.

7. Method body: Contains the code statements that define the behavior of the method.

8. Return statement (optional): If the method has a return type other than void, use the return statement to return a value of the specified return type.