No, in Java, you cannot initialize final variables within methods. Final variables must be initialized at the point of declaration or in constructors if they are instance variables. This is because final variables are designed to have a single, immutable value throughout their lifetime once initialized.
If you attempt to initialize a final variable within a method, you will encounter a compilation error:

Yes, you can initialize static final variables within a static initialization block in Java. This block is executed when the class is loaded into the JVM and allows you to initialize static variables.
Here's how you can initialize static final variables:

```java
public class MyClass {
    // Declaration of static final variable
    public static final int MY_STATIC_FINAL_VARIABLE;

    // Static initialization block
    static {
        // Initializing static final variable
        MY_STATIC_FINAL_VARIABLE = 10;
    }

    public static void main(String[] args) {
        // Accessing static final variable
        System.out.println(MyClass.MY_STATIC_FINAL_VARIABLE); // Output: 10
    }
}
```