MINIPROJECT

Title – DSA Mini Project to show use of Access Specifiers and Scopes in Java

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Program Code

public class ScopeDemo {

private static int globalVar = 10;

public void displayFormalParameter(int formalParam) {

System.out.println("Formal parameter value: " + formalParam);

}

public void demonstrateLocalScope() {

int localVar = 20;

System.out.println("Local variable value: " + localVar);

}

private void demonstrateAccessModifiers() {

System.out.println("Global variable (private): " + globalVar);

}

public static void main(String[] args) {

ScopeDemo demo = new ScopeDemo();

System.out.println("Global variable (public): " + globalVar);

demo.displayFormalParameter(30);

demo.demonstrateLocalScope();

demo.demonstrateAccessModifiers();

}

}

