**package** Tuesday;

**import** java.util.Stack;

**public** **class** LinkedListPalindromeUsingStack {

**public** **static** **void** main(String[] a){

Node n1 = **new** Node(10);

Node n2 = **new** Node(28);

Node n3 = **new** Node(15);

Node n4 = **new** Node(25);

Node n5 = **new** Node(10);

n1.next = n2;

n2.next = n3;

n3.next = n4;

n4.next = n5;

**boolean** result = *isPalindrome*(n1);

System.***out***.println("Is it palindrome: "+result);

}

**static** **class** Node {

**int** data;

Node next;

Node(**int** tmp) {

data = tmp;

}

}

**static** **boolean** isPalindrome(Node head) {

Node tempNode = head;

Stack<Integer> stack = **new** Stack<Integer>();

**while**(tempNode != **null**) {

stack.push(tempNode.data);

tempNode = tempNode.next;

}

**while**(head != **null**) {

**if**(head.data != stack.pop()) {

**return** Boolean.***FALSE***;

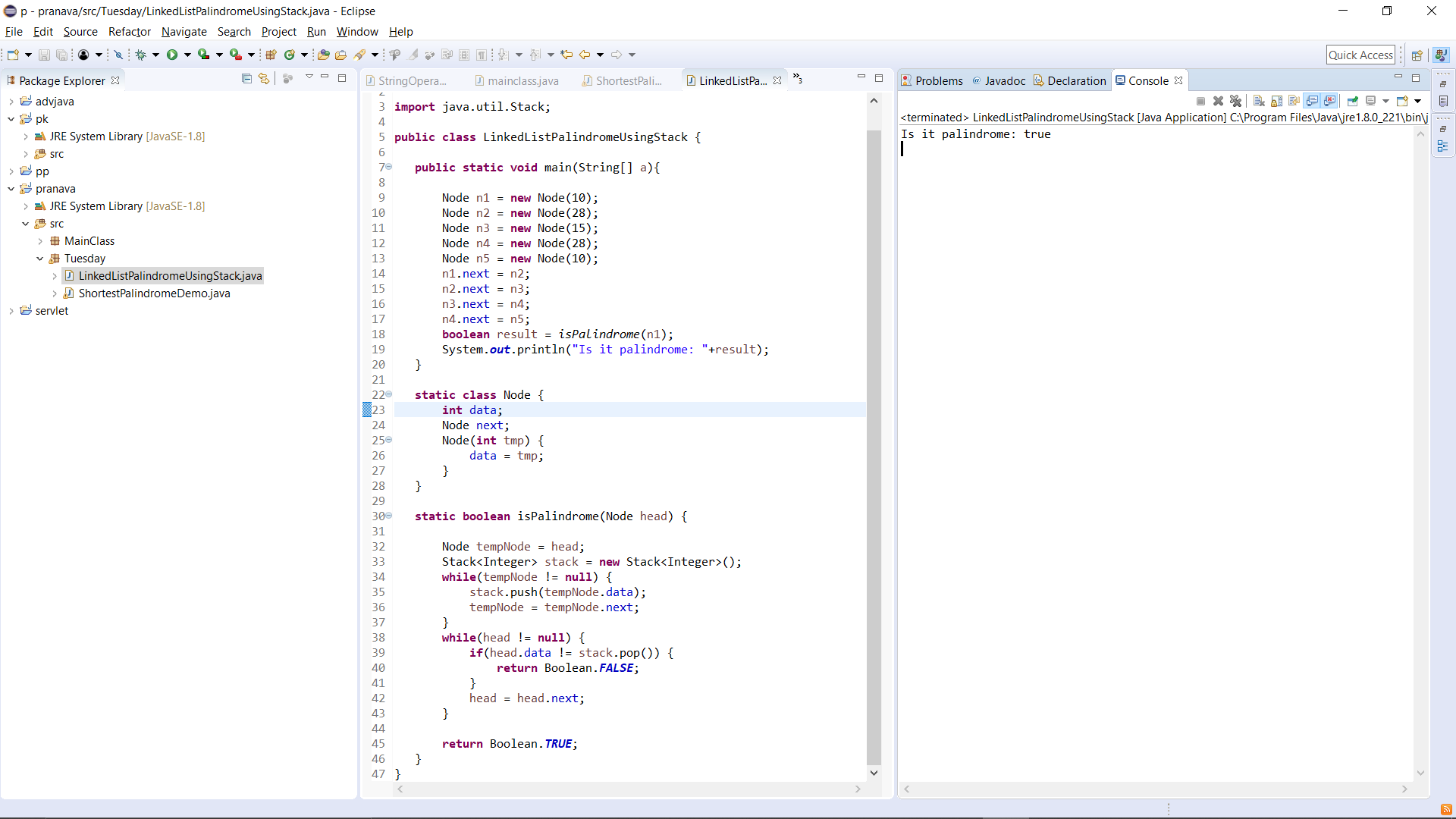
}

head = head.next;

}

**return** Boolean.***TRUE***;

}

}

