**package** stackExample;

**import** java.util.Stack;

**public** **class** StackExample {

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

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

// Insert elements into the stack

stack.push(10);

stack.push(20);

stack.push(30);

stack.push(40);

stack.push(50);

System.***out***.println("Stack elements: " + stack);

// Remove an element from the stack

**int** poppedElement = stack.pop();

System.***out***.println("Popped element: " + poppedElement);

System.***out***.println("Stack elements after popping: " + stack);

// Insert another element into the stack

**int** pushElement = stack.push(60);

System.***out***.println("Popped element: " + pushElement);

System.***out***.println("Stack elements after pushing: " + stack);

}

}

