//12-b program:

public class ElementSearcher {

public static <T> boolean searchElement(T[] array, T target) {

for (T element : array) {

if (element.equals(target)) {

return true;

}

}

return false;

}

public static void main(String[] args) {

// Example usage:

Integer[] intArray = {1, 2, 3, 4, 5};

int targetInt = 3;

boolean foundInt = searchElement(intArray, targetInt);

System.out.println("Element " + targetInt + " found: " + foundInt);

String[] strArray = {"apple", "banana", "orange", "grape"};

String targetStr = "orange";

boolean foundStr = searchElement(strArray, targetStr);

System.out.println("Element " + targetStr + " found: " + foundStr);

}

}