

(*Identical arrays*) The arrays `list1` and `list2` are *identical* if they have the same contents. Write a method that returns `true` if `list1` and `list2` are identical, using the following header:

```
public static boolean equals(int[] list1, int[] list2)
```

Write a test program that prompts the user to enter two lists of integers and displays whether the two are identical. Here are the sample runs. Note that the first number in the input indicates the number of the elements in the list. This number is not part of the list.

```
Enter list1: 5 2 5 6 6 1 ↵Enter
Enter list2: 5 5 2 6 1 6 ↵Enter
Two lists are identical
```

```
Enter list1: 5 5 5 6 6 1 ↵Enter
Enter list2: 5 2 5 6 1 6 ↵Enter
Two lists are not identical
```