

```
1 // Simrann Dabrai 22070126111 B2
2
3 import java.util.Scanner;
4
5 public class Main{
6     public static void main(String[] args) {
7         // Get user input
8         Scanner scan = new Scanner(System.in);
9         Input input = new Input();
10        int[] numbers = input.getUserInput();
11
12        // Find and print the index of the first number with the smallest distance
13        int index = input.findNearestNeighborIndex(numbers);
14        System.out.println("Index of the first number with the smallest distance: " +
15            index);
16    }
17 }
```