```
import java.util.ArrayList;
import java.util.Collections;
import java.util.List;
import java.util.Scanner;

public class Largestelement {
    public static void main(String[] args) {
        ArrayList<Integer> numbers = new ArrayList<>();
        numbers.add(10);
        numbers.add(20);
        numbers.add(30);
        numbers.add(40);
        numbers.add(50);
        System.out.println("Enter the value for K");
        Scanner sc=new Scanner(System.in);

        int k = sc.nextInt();

        int kthLargest = findKthLargest(numbers, k);
        System.out.println("The " + k + "th largest element is: " + kthLargest);
    }

    public static int findKthLargest(ArrayList<Integer> numbers, int k) {
        if (k <= 0 || k > numbers.size()) {
            System.out.println("Such an index does not exsist");
        }

        Collections.sort(numbers, Collections.reverseOrder());
        System.out.println(numbers);
```

```
        return numbers.get(k - 1);
    }
}
```

Output

```
Enter the value for K
2
[50, 40, 30, 20, 10]
The 2th largest element is: 40
```