

```

/*
 *      A program which prints the words of a sentence in reverse order.
 *
 *      Example :
 *      (sentence = "to be or not to be, that is the question")
 *      question the is that be, to not or be to
 */

import java.util.Scanner;

class ReverseOrder {
    public static void main (String[] args) {
        System.out.print("Enter a sentence : ");
        String sentence = (new Scanner(System.in)).nextLine();
        while (sentence.lastIndexOf(' ') > 0) {
            System.out.print(sentence.substring(
                sentence.lastIndexOf(' ') + 1) + " ");
            sentence = sentence.substring(0, sentence.lastIndexOf(' '));
        }
        System.out.print(sentence + "\n");
    }
}

/*
 *      Variable Description :
 *      -----
 *      Serial no. | Variable name | Data type | Purpose
 *      ~~~~~
 *      1          | sentence     | String   | Stores the sentence
 *              |              |          | entered
 *      ~~~~~
 */

```