```java
        for (int value : out) {
            System.out.print("" + value + " ");
        }
    }
}

public static int[] dropNumber(int[] input, int pos) {
    if (input.length == 0 || pos >= input.length) {
        throw new IllegalArgumentException();
    }

    int[] result = new int[input.length - 1];

    for (int i = 0; i < pos; i++) {
        result[i] = input[i];
    }

    for (int i = pos; i + 1 < input.length; i++) {
        result[i] = input[i + 1];
    }

    return result;
}
```