

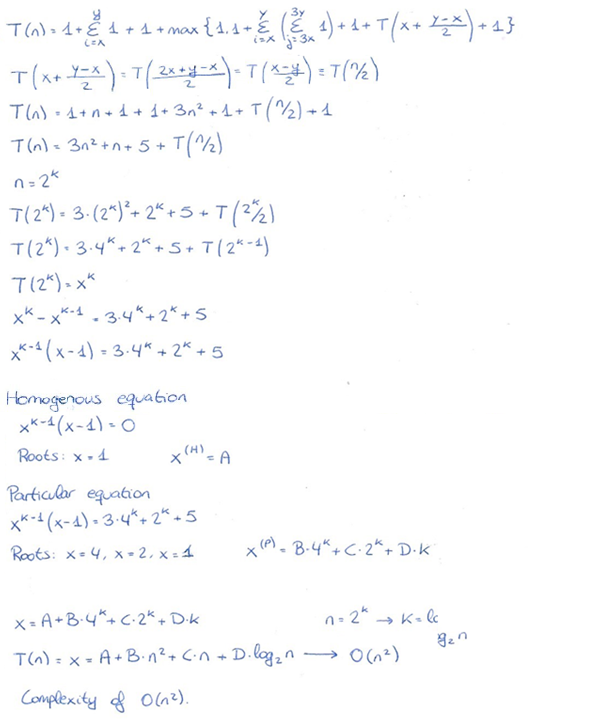
Problems: UNIT 1

INTRODUCTION TO THE ALGORITHMICS



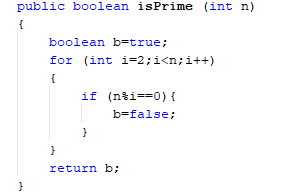
JAVIER GARCÍA JIMÉNEZ AND ISABEL MARTÍNEZ GÓMEZ

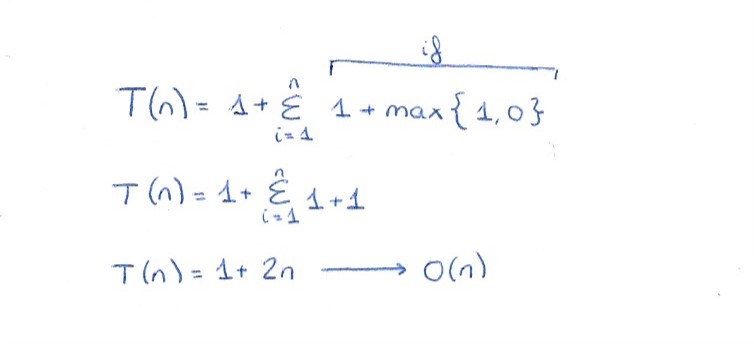
EXERCISE 3

****

**Complexity of O(n2)**

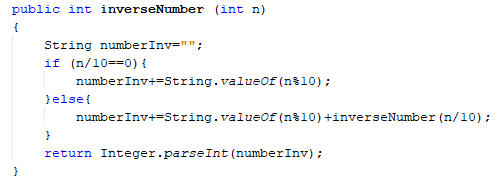
EXERCISE 5

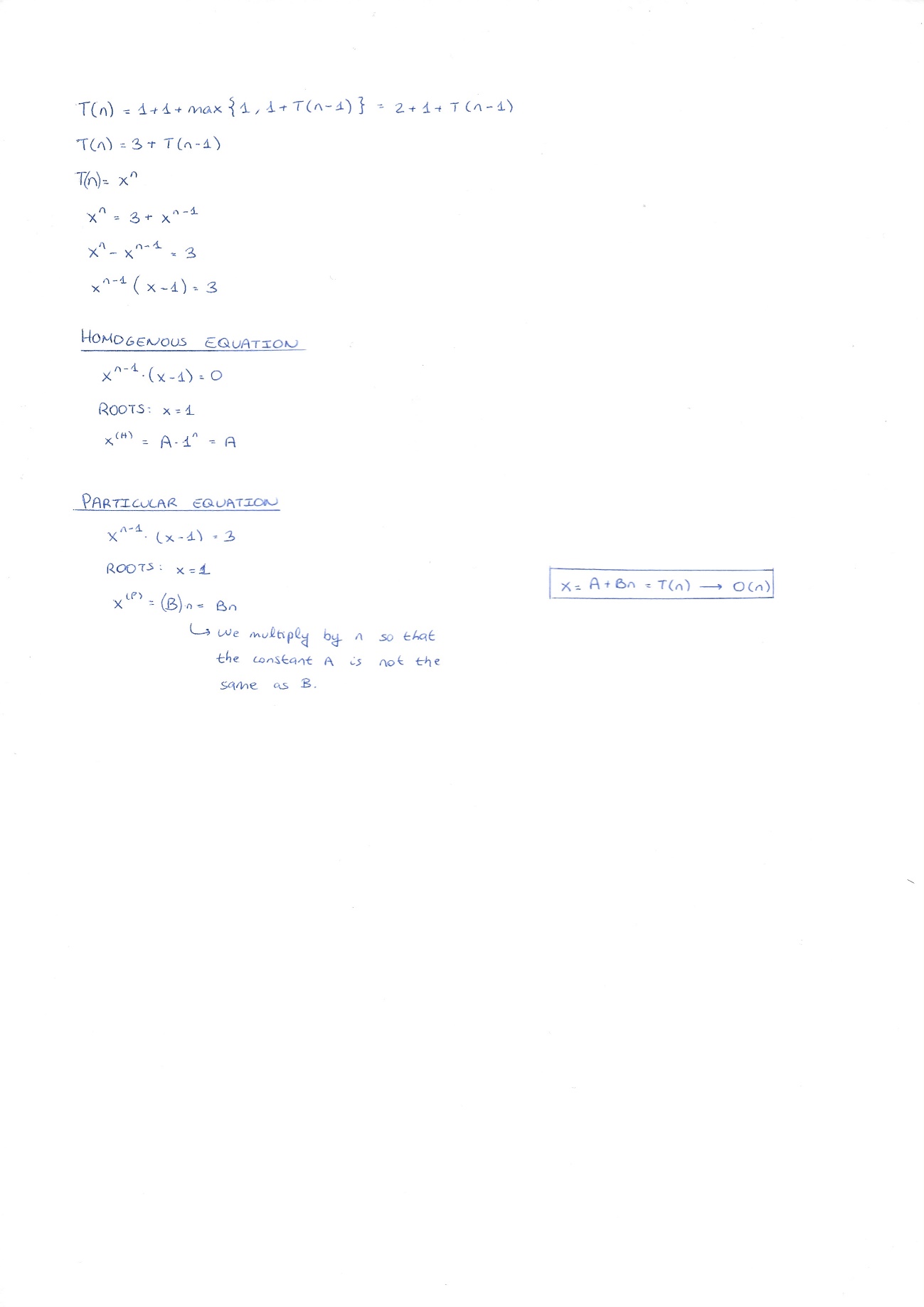




**Complexity of O(n)**

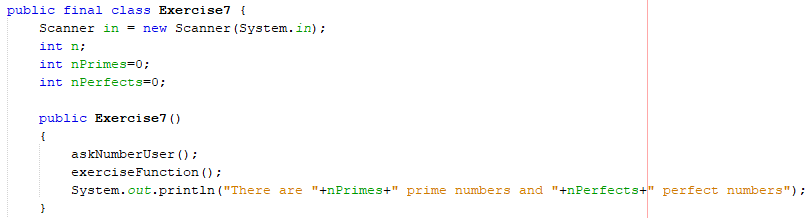
EXERCISE 8

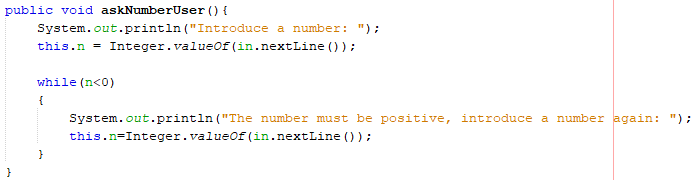


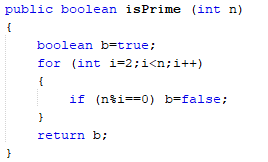


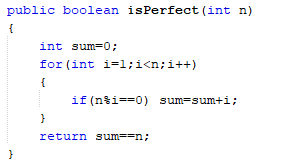
**Complexity of O(n)**

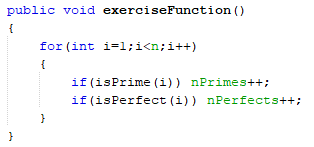
EXTRA EXERCISE: EXERCISE 7

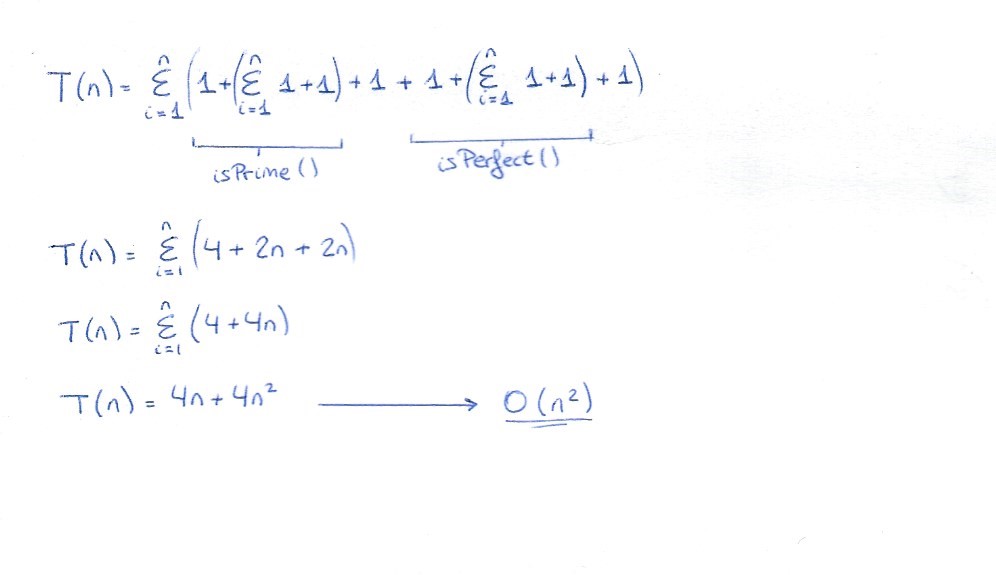












**The complexity of the exerciseFunction is of O(n2)**