

Exercises 2 – 5 are programming problems. Submit them in a single file named `a12.pl` electronically per the instructions for your course.

1. Study Bratko, Chapter 5.
2. Do Bratko, Exercise 3.11.  
Make your solution deterministic. That is, after your predicate unifies with the flatten of the list, it should not give additional solutions that are not flattened. Remember to call your predicate `my_flatten` because `flatten/2` is built-in.
3. Do Bratko, Exercise 5.2.
4. Do Bratko, Exercise 5.5.
5. Do Bratko, Exercise 5.6.