## Exercise 1

Continue with the solution of the previous exercise. Or if you want to start with a clean slate, begin with `exercise-01.rs`.

Change the file to not only print the depth of a tree, but also a representation of the tree. For example, for the tree `Tree::Node(Box::new(Tree::Empty), Box::new(Tree::Leaf(42)))` the code

```
println!("the depth of {} is {}", tree, depth(tree));
```

should print

```
the depth of (() (42)) is 2
```

Maybe the documentation of Display, Ownership and Borrowing will be helpful.