

Functional Programming

Exercises Week 11

(for January 9, 2015)

1. Exercise 9.4
2. Exercise 9.7
3. Define the type checking and type inference rules for a let-rec expression:

```
let rec f x = expr in f
```

and to a let expression with multiple bindings:

```
let x = expr and y = expr in expr
```

4. Extend the given implementation of the type inference algorithm to the above two expressions.