Exercises Week 11

- 1. [6 POINTS] Complete the evaluator for the core ML.
- 2. [4 POINTS] Consider the following type for expressions:

(a) Implement variables.

(b) (Depth-first search.) Use variables, substitute, and simplify (see Homework Week 10) to implement a satisfiability checker.

```
Hint: Use the following code.
```

```
let rec solve e =
match ??? e with
| T -> []
| F -> raise No_solution
| e' ->
    let x = List.hd (??? e') in
    try
    ??? :: ???
with
    No_solution -> ??? :: ???
```

Submit yourMatrNr.ml before 23:59 on January 18.