

Task 1

A Term can be of one of the following three types:

- string
- int
- string * Term list

V, C and F are the respective constructor for each of the types i.e.:

let v1:Term = V "Hello, World!"

let v2:Term = C 8

let v3:Term = F("test", [C 2; C 7])

~~let v4:Term = F("test", [C 2; C 7])~~

Task 1.2a)

I don't really understand what is meant here. I explained the rules in Task 1.1.

In Task 1.2b you can see the values represented as a tree, so I can't really figure out what you want in this task.

Task 1 2b)

V
1
"x"

C
1
3

F
"f0" ::

F
"f1" ::
3 "f0" ::

F
"max" ::
"x" 3