

CS558 Programming Languages – Fall 2023 – Suggested Study Question Solutions for Lecture 8a

1. Answers are in-line in the file `TypesInHaskell_with_solutions.hs`.

2.

$$B = 1 + \text{Bool} + (B \times B)$$

$$C = 1 + 1 + 1 + 1$$

$$D = \text{Int} \times \text{String} \times \text{Float} \times \text{Int}$$

$$E = (\text{Float} \times \text{Float}) + (\text{Float} \times \text{Float})$$

$$F(t,u) = (t \rightarrow u) \times (u \rightarrow t)$$