

Programmer som data trial exam

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1 Opgave 3

$$\begin{array}{c}
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 e_1 \overline{\rho \vdash 32 \Rightarrow 32} \\
 e_{10} \overline{\rho \vdash \{\text{field1} = 32\} \Rightarrow \{(\text{field1}; 32)\}}
 \end{array}
 \quad
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 e_1 \overline{\rho \vdash 32 \Rightarrow 32} \\
 e_{10} \overline{\rho \vdash \{\text{field1} = 32\} \Rightarrow \{(\text{field1}; 32)\}}
 \end{array}
 \end{array}
 \quad
 \begin{array}{c}
 e_{11} \overline{\rho[x \mapsto \{(\text{field1}; 32)\}] \vdash \mathbf{x.field1} \Rightarrow 32}
 \end{array}
 \\
 e_6 \overline{\square \vdash \text{let } \mathbf{x} = \{\text{field1}=32\} \text{ in } \mathbf{x.field1} \text{ end} \Rightarrow 32}
 \end{array}$$