Hausaufgabe 03

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Aufgabe 1

1) First-Mengen

First(steam) = { Stdout, Stderr }

First(sink) = { Stdout, Stderr }

First(element) = { Con }

First(Stdout) = { Stdout }

First(Stderr) = { Stderr }

First(Con) = { Con }

First(Int) = { Int }

First(Endl) = { Endl }

2) Follow-Mengen

Follow(steam) = { ε }

Follow(sink) = { Con }

Follow(element) = { EOF }

3) PREDICT-Mengen (da für alle EPS(α) = false gilt, gelten die First-Mengen)

Predict(steam) = { Stdout, Stderr }

Predict(sink) = { Stdout, Stderr }

Predict(element) = { Con }

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stream → sink element EOF

sink → Stdout | Stderr

element → Con Int element | Con Endl
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