acc(0,y)=y+1ack(x,0) = ack(x-1,1)ack(x,y) = ack(x-1,ack(x,y-1))-> ver allgeneinelte Potenz fur letion

$$P_{4} = \begin{cases} 1007 \times_{1} & DO \\ P_{2}[\times_{2} := \times_{1} + 5] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{3}[\times_{2} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases} = \begin{cases} 1007 \times_{1} & 300 \\ P_{4}[\times_{3} := \times_{2} - 2] \end{cases}$$

$$X_1 := X_2 \cdot X_5 i$$

$$C(x,y) = 2 + x$$

$$x_1y \rightarrow C(x,y), \qquad 2 + x$$

$$x_1y \rightarrow C(x,y), \qquad 2 + x$$

$$x_2 \rightarrow x_1$$

$$x_3 \rightarrow x_4$$

$$x_4 \rightarrow x_1 \rightarrow x_2$$

$$x_4 \rightarrow x_1 \rightarrow x_2$$

$$x_5 \rightarrow x_1 \rightarrow x_2 \rightarrow x_3 \rightarrow x_4$$

$$x_1 \rightarrow x_2 \rightarrow x_4$$

$$x_2 \rightarrow x_1 \rightarrow x_2 \rightarrow x_4$$

$$x_1 \rightarrow x_2 \rightarrow x_4$$

$$x_2 \rightarrow x_4 \rightarrow x_4$$

$$x_1 \rightarrow x_2 \rightarrow x_4$$

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$$x_1 \rightarrow x_2 \rightarrow x_4 \rightarrow x_4$$

$$x_2 \rightarrow x_4 \rightarrow x_4 \rightarrow x_4 \rightarrow x_4$$

$$x_1 \rightarrow x_2 \rightarrow x_4 \rightarrow x_4 \rightarrow x_4 \rightarrow x_4$$

$$x_2 \rightarrow x_4 \rightarrow x_4$$

Monoforie:
$$0$$
 ack $(x+1, y+1) \ge ack (x, y+1)$
 $\ge ack (x+1, y)$
 $1 \le ack (x, y) \ge y+1$
 $1 \le ack (x, y) = y+1$
 $1 \le ack (x, y) = ack (x, 0) = ack (x-1, 1) \ge 2$
 $1 \le ack (x, y) = ack (x-1, ack (x, y-1))$
 $1 \le ack (x-1, 2y) \ge y+1$
 $1 \le ack (x-1, 2y) \ge y+1$
 $1 \le ack (x-1, 2y) \ge y+1$
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