



$$
\begin{array}{ll}
\{a=1\} & f(B, a=1) \\
-\{\{ \} \cup\{a=1\} & \{a=1, \\
\{a=1\} & \\
\{a=1\} &
\end{array}
$$



1) information from preblecs
2) previous state

Transfer fine. $\rightarrow x=e^{\{S-x\} \cup \vee(e)}$



$$
\begin{aligned}
& f(C,(B \cap F) \\
& \begin{array}{l}
\binom{a=1}{b=2} \\
\binom{a=1}{b=2}
\end{array} \\
& \text { ( } \\
& b(1, \downarrow) \\
& \left\{\begin{array}{l}
b=1 \\
b=2 \\
d=3
\end{array}\right\} \\
& b(E, 0) \\
& \left\{\begin{array}{l}
a=1 \\
b=2
\end{array}\right\} \\
& a=3 \\
& b(F, G)
\end{aligned}
$$



$$
\left.\begin{array}{r}
a=51 \\
\left\{\begin{array}{l}
a \\
a=1 \\
b=2 \\
b=3 \\
c=4
\end{array}\right.
\end{array}\right\}
$$

## While loop

13 March 2022 11:40

Begin, set, while : void types (unlike +, let)
Set!: variable lifetime is end of the program
Begin: executes the set of expressions
While exp exp
Begin es exp: exp is the last expression that is returned

