

Step 1: $n a \wedge ! \wedge d c \wedge r b$



root node

Step 2: $n a \wedge ! \wedge d c \wedge r b$
↑



create branches

Step 3: $n a \wedge ! \wedge d c \wedge r b$
↑



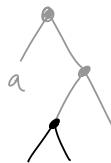
start on left $\rightarrow a$

Step 4: $n a \wedge ! \wedge d c \wedge r b$
↑



no more branches on left... move to
right branch
create branches

Step 5: $n a \wedge ! \wedge d c \wedge r b$
↑



start on left \rightarrow create branches

Step 6: $n a \wedge ! \wedge d c \wedge r b$
↑



start on left \rightarrow !

Step 7: $n a \wedge ! \wedge d c \wedge r b$
↑



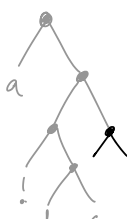
Nothing else on left... move to right
Create branches

Steps 8&9: $n a \wedge ! \wedge d c \wedge r b$
↑↑



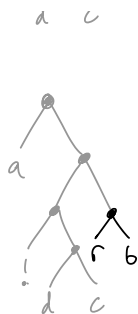
Left branch $\rightarrow d$
Right branch $\rightarrow c$

Step 10: $n a \wedge ! \wedge d c \wedge r b$
↑



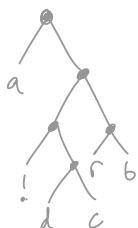
No more branches... move back up
No more branches... move back up
check right branch
Create branches

Steps 1 & 2: $a^* \wedge! \wedge d c^* r b$
 $\uparrow \uparrow$



Left branch $\rightarrow r$
 Right branch $\rightarrow b$

Step 3: $a^* \wedge! \wedge d c^* r b$
 \uparrow

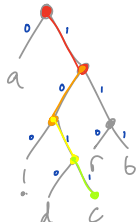


Done!

Decoding

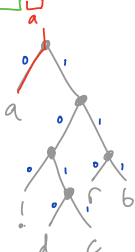
①

1011010101101101010100



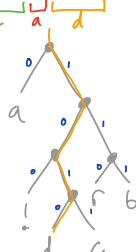
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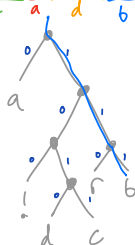
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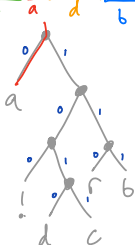
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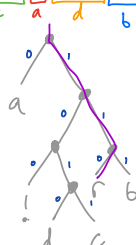
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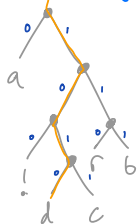
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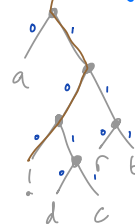
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⑧

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⑨

cadbard!