Our grammar for Project 5 (in nearly-CNF):

$$
\begin{aligned}
Sentence &\rightarrow NounPhrase\ VerbPhrase \\[4pt]
NounPhrase &\rightarrow AbsNP \mid ConcNP \\[4pt]
AbsNP &\rightarrow That\ Sentence \\[4pt]
That &\rightarrow \texttt{that} \\[4pt]
ConcNP &\rightarrow CNPA\ RelClause \mid CNPA\ PrepPhrase \mid CNPA \\[4pt]
CNPA &\rightarrow Pronoun \mid Det\ Nominal \\[4pt]
Pronoun &\rightarrow \texttt{I} \mid \texttt{she} \mid \texttt{they}\ldots \\[4pt]
Det &\rightarrow \texttt{the} \mid \texttt{a} \mid \texttt{an} \\[4pt]
Nominal &\rightarrow Adj\ Noun \mid Noun \\[4pt]
RelClause &\rightarrow RelPronoun\ VerbPhrase \\[4pt]
RelPronoun &\rightarrow \texttt{who} \mid \texttt{which} \mid \texttt{that} \\[4pt]
PrepPhrase &\rightarrow Prep\ NounPhrase \\[4pt]
VerbPhrase &\rightarrow Adv\ VPA \mid VPA \\[4pt]
VPA &\rightarrow VPB\ PrepPhrase \mid VPB \\[4pt]
VPB &\rightarrow Verb \mid Verb\ Adj \mid Verb\ NounPhrase
\end{aligned}
$$