

Course Reflection, Dec. 3, 2021

Keep These	Try These
<ul style="list-style-type: none"> • Creating a lexical analyzer • Using C# 	<ul style="list-style-type: none"> • Lexical analyzer in MatLab – ha, ha • Give the students a list of languages, and let them choose the language they want to use for the first version of the lexical analyzer • Teach (maybe an assignment) on building a linker and object code • Consider making a version of TI-BASIC (Texas Instrument Basic) as the language for the lexical analyzer (alternately, maybe a version of BASIC)
<p data-bbox="250 485 428 520">Change This</p> <ul style="list-style-type: none"> • Add an assignment to create a parser • Divide the writeup for the lexical analyzer assignment so that each deliverable has its own assignment. For instance, the first is to create regular expressions for the tokens; the second is to convert these regular expressions to a DFA; etc. • Need more than one C# labs (an extra GUI lab would enhance the curriculum; students feel that they are asked to create GUIs but they don't receive instruction on how to do it) • Define the language which will be analyzed by the lexical analyzer completely, BEFORE the first assignment 	