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Challenges we have faced...

One of the most significant difficulty that we have faced was assigning a property outside of a graph definition. We could not figured out how we could handle this so we decided to remove that part.

Another difficulty we encountered was shift/reduce conflict. We were faced with 7 shift/reduce conflicts at query parser. We received help from instructor to handle the conflicts.

We encountered with the same difficulty at the stage of writing the definition parser. After we wrote the parser we were faced with 4 shift/reduce conflict. Then we understood that when we tried to define to graph at the same time, their IDs overlapped. So we changed our grammar to not define more than one graph.

Last difficulty was about quotation mark. While writing sample programs, we used a text editor that creates curly quotation marks. However, we had used straight quotation marks. When we gave any sample code, that contains curly quotation marks, to parsers, we got a syntax error. Finding the reason of this error took times. Finally, we changed all curly quotation marks to straight quotation marks.