**G. Parser Output:**The Parser **shall** provide the following **outputs**:

1. **Corresponding Syntactical Errors.**
2. **The semantics update of the corresponding Symbol Tables.**

**H. Deliverables:**The project **must** include the following **deliverables**:

1. **The correct grammar for C Minus in order to generate a Top-Down Predictive Parser. You MUST explain all the steps and decision taken for the generation of the correct grammar.**
2. **Symbol Table management: Description of semantic aspects that were updated during the syntax analysis.**
3. **Error messages generated by the Parser.**
4. **Example of the Parser Outputs**

**I. RESTRICTIONS:**

1. The parser **CAN NOT** be implemented by using any kind of **Context-Free Grammar Libraries** or **APIs** native to the programming language used to develop the project.
2. The parser **MUST** be implemented by programming the corresponding **Top-Down Predictive** parser **algorithm** as seen in class.