YACC - Yet another compiler compiler :-

It is a tool used in compiler design to generate a parser for a programming language. It was developed by Stephen C. Johnson at AT&T Bell laboraries during 1970. It is used to convert a formal grammar into c code that can parse input.

Yacc takes a specification file (.y) and generate a ~~ccode~~ c function called yyparse(). Which take an input and perform Parser operation of input and generate a Parse tree. YACC input file is divided into three parts.

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/* Definition */
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  - - -
%% %%
/* rules */
  - - -
  - - -
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/* Auxillary routines */
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* The definition part includes information about tokens used in the syntax definition.
* The rules part contains grammar definitions in a modified form.
* The routine includes function definitions for every function needed in the rules part.

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