**NAME**
>      Yacc – an LALR(1) parser generator

**SYNOPSIS**
>      **yacc [ -dlrtv ] [ -b** *prefix* **] [ -S** *skeleton file* **]** *filename*

**DESCRIPTION**
>      *Yacc* reads the grammar specification in the file *filename* and generates an LR(1) parser for it. The
>      parsers consist of a set of LALR(1) parsing tables and a driver routine written in the C programming
>      language. *Yacc* normally writes the parse tables and the driver routine to the file *y.tab.c.*

>      The following options are available:

>      **-b** *prefix*
>           The **-b** option changes the prefix prepended to the output file names to the string
>           denoted by *prefix.* The default prefix is derived from the input filename.

>      **-d**      The **-d** option causes the header file *y.tab.h* to be written.

>      **-l**      If the **-l** option is not specified, *yacc* will insert **#line** directives in the generated code.
>                The **#line** directives let the C compiler relate errors in the generated code to the user's
>                original code. If the **-l** option is specified, *yacc* will not insert the **#line** directives.
>                **#line** directives specified by the user will be retained.

>      **-r**      The **-r** option causes *yacc* to produce separate files for code and tables. The code file
>                is named *y.code.c,* and the tables file is named *y.tab.c.*

>      **-t**      The **-t** option changes the preprocessor directives generated by *yacc* so that debug-
>                ging statements will be incorporated in the compiled code.

>      **-v**      The **-v** option causes a human-readable description of the generated parser to be writ-
>                ten to the file *y.output.*

>      **-S** *skeleton file*
>           The **-S** option causes a different skeleton file to be used. The default skeleton file is
>           built in to *yacc* when it is built.

>      If the environment variable TMPDIR is set, the string denoted by TMPDIR will be used as the name of
>      the directory where the temporary files are created.

**FILES**
>      *filename***.code.c**
>      *filename***.tab.c**
>      *filename***.tab.h**
>      *filename***.output**
>      **/tmp/yacc.aXXXXXX**
>      **/tmp/yacc.tXXXXXX**
>      **/tmp/yacc.uXXXXXX**

**DIAGNOSTICS**
>      If there are rules that are never reduced, the number of such rules is reported on standard error. If there
>      are any LALR(1) conflicts, the number of conflicts is reported on standard error.