

# Personal Details

Name : K.Padma


Designation : Asst. Prof

Department : CSE

College: MVSREC, HYD, Telangana

Domain: Compiler Construction

# Reflection Spot Activity

- Video on Overview of compiler
- URL : <https://nptel.ac.in/courses/106108052/>
-  Reflection Spot Time stamp  
at 0:31/55:53 minutes
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*Question:* Is the compiler just a Language Translator? or Does it check for syntax and do any optimization to the source code?

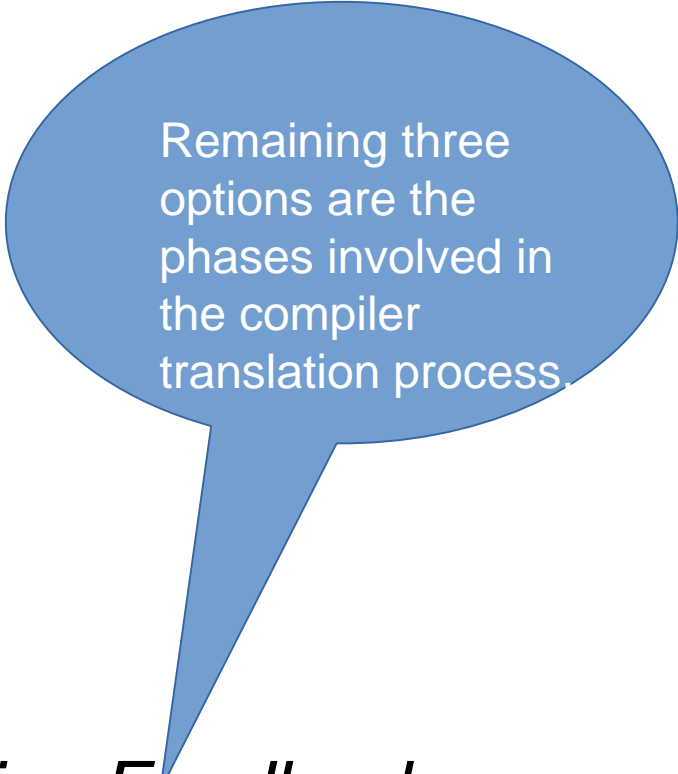
*Answer:* Compiler does check for syntax errors and perform optimization too

# Learning by doing (LbD) Activities

Q1) Which of the following is not a phase in compilation?

- i) Syntax Analysis.
- ii) Code generation.
- iii) Lexical Analysis.
- iv) Spelling Analysis

Answer : option (iv)



Remaining three options are the phases involved in the compiler translation process.

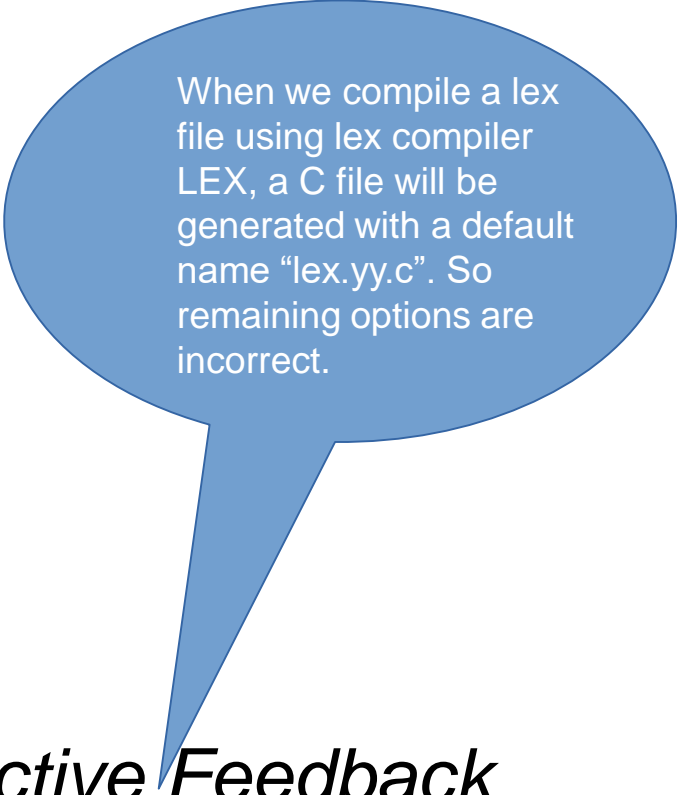
*Constructive Feedback*

# Learning by doing (LbD) Activities Continued..

Q2) Which of the following is the default C filename that is generated by LEX compiler?

- i) yy.lex.c
- ii) lex.yy.c
- iii) yacc.lex.c
- iv) lex.yacc.c

Answer: option (ii)



When we compile a lex file using lex compiler LEX, a C file will be generated with a default name "lex.yy.c". So remaining options are incorrect.

*Constructive Feedback*