Describe the main phases of traditional compilers, and summarise the kinds of errors in input programs that must be dealt with in each phase. [6]	1.
) Consider the following grammar:	
$Rexpr \rightarrow Rterm'+'Rterm \mid Rterm'-'Rterm$	
$Rterm \rightarrow Rterm Rfact \mid Rfact$	
$Rfact \rightarrow Rfact'*' \mid Rprim$	
$Rprim \rightarrow 'a' \mid 'b'$	
i. Explain why this grammar is or is not suitable for top-down parsing. [6]	

iii. Eliminate left-recursion from the resulting grammar.

[6]

ii. Left-factor this grammar.