

Chapter 1: Introduction to Compiling

1. Elaborate the compiler phases for a statement position: $= \text{initial} + \text{rate} * 60$.
2. What is intermediate code generation? List two important properties it should have. Give the translation process for statement given below:
var position, initial, rate: real;
position: $= \text{initial} + \text{rate} * 60$;
3. List & explain compiler construction tools.
4. Elaborate the compiler phases with simple statement example.
5. Describe the following phases of compiler, briefly:
 - Lexical Analysis
 - Syntax Analysis
6. Write a short note on phases of compiler.
7. Describe different phases of compiler with the help of block diagram.