

## What Module: 2

? What is forward reference. How it is handled in assembler with 2 pass.

Using an identifier before its declaration is called forward reference and results in error except in the following cases:

1. When a statement refers to the statement label before the label declaration.
2. When a structure, union, <sup>enumeration</sup> ~~illumination~~ tag is used before it is declared.
3. In 1 pass forward reference is translated instruction by instruction. Assembler's address space for label when it's reference and let the assembler find the declaration of the label it uses.