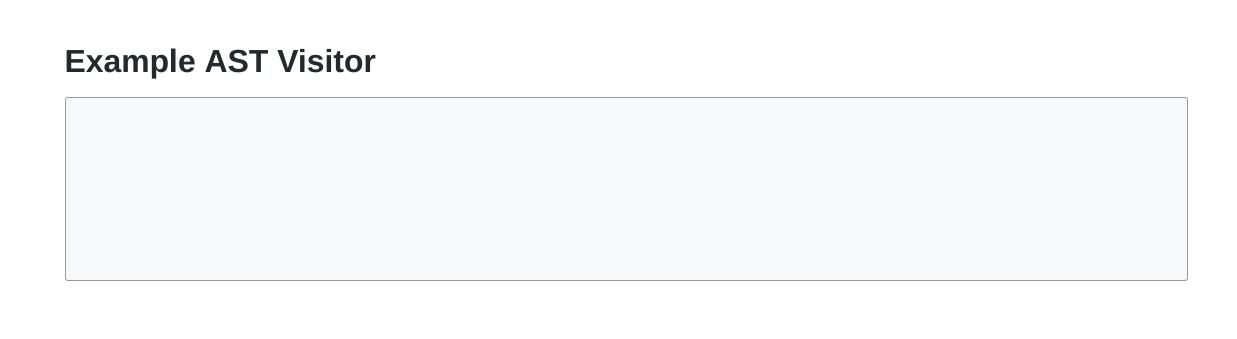
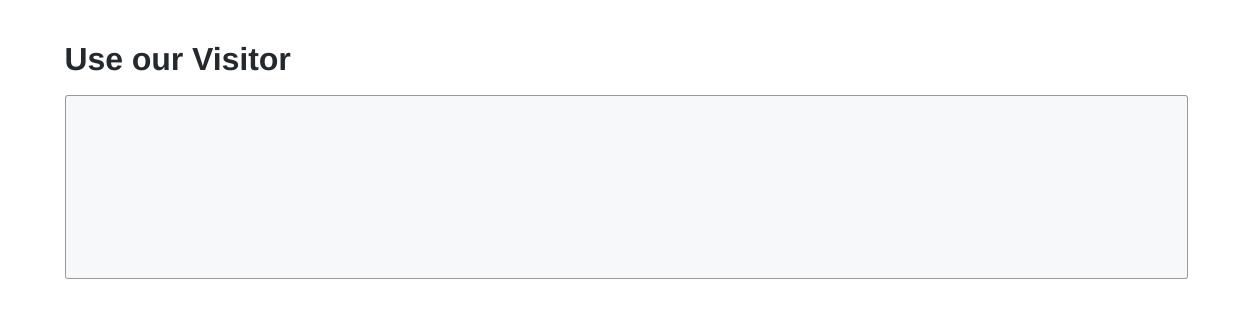
Visitor pattern

- It's a design pattern specifically designed to traverse a tree
- It's an essential feature in all compilers in order to travser AST

How to use

- Create a class that extends CoolTreeVisitor
- If we have an object of type CoolTreeNode then we can use it's `accept
- Override any visit method of CoolTreeVisior to intercept AST node type(<CoolTreeVisitor>)` method
 - This gives us a way to intercept the node of specific type
 - Do not forget to call accept(this) on the argument otherwise traverse will stop for the subsequent nodes





Lab assignmnet

In this lab we will write a program to dump a formatted (or pretty printed) a Cool program given it's AST