- Basically le cours de THL!

- The goal of the scanner

is to provide "tokens" that
will be used by the parsilable.

- Many tooks are evaluable. forts separated with 4.30 1 take for example flex which into individual word, or initions, sules and user code) - Break the source file -> for thex - In OOP life C++, for AST and in order to pretty-print it, we need to be able to call the print function associated to each devid of node without alex the liest angularent, we reserve to use some techniques to be able to the call the right print function for each object. The use the winter design patterns.

To make the code nice we can use functor(by overloading the () sperator).

(Que can also use in C++ xallose that permits to store information that we want to see in an extreme inthe case you and use < sperator wich can take the reserve in an extreme inthe case you and use < sperator wich can take the sperator wich can take the store information that we want to sperator with can take the sperator of the s The goal of the parter is to ensure that the course code provided by the user is valid synthetically (not remarkedly in) regarding the language.

It is also the moment to escate the AST or some parts. - Ethnology the phrase standard of the program. Have .

- Build a piece of abstract syntaxy tree corresponding to each ph.

- Le cours de THL peut bien aider ich aussi. arse Syntax to be be Parsing the program. (Parse) Actions be considered as one step) Tarring Syntox free Abstract

old corresponding to a specific grammar, now we want to determine what each phrase means, relate uses of variables to their definitions, understand scopes and check types of the of the cher FRONT-END

The goal of the binder is to link weather some variable with its identity in order to be sure of which variable we are talking about It may become complex variable we are talking about It may become complex variable was shadowing and scopes are allowed in

Final

- When we want to bind the names only some types of note in the AST are reservent (we don't care about for Geope, if...)

- vide of the AST and concentrate only on specific rodes

the language.

de binder doit s'assurer de:

"Elisation d'un symbol à sa définition

entainer sectioned symbol table si le language supporte de scoping et Etadowing... (RE: IP all iols and lightime of a variable and can be solve with rame to use entainers such as smap). Ou des segular containers of hecks multiple definitions sols la problème s'ole super eventuries.

O Checks missing definitions of la seprise sur essentir. Med to bind les "Break" à Cour boucle. Il est plus simple que le Parser délègue cette toiche au binder.

sufferences par son additesse

operations work on compatible types.

The goal of a type checker is to ensure that

the man run have in the same problems as encountered

for the pretty print resolved with the viector pattern. chacker is to ensure that