## 5 Implementing Scope Rules

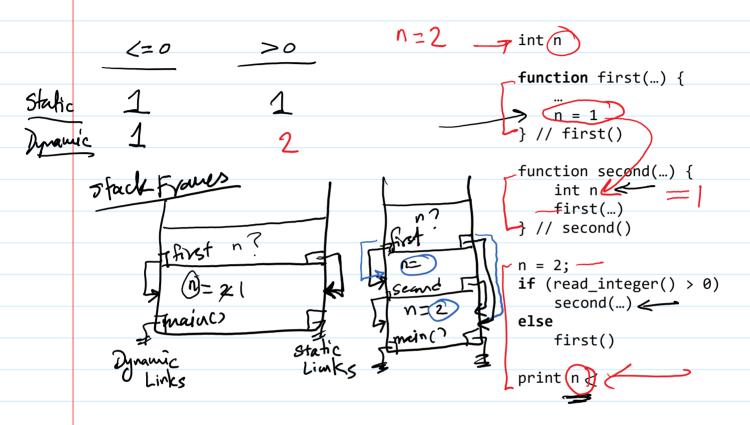
Monday, September 28, 2020 10:40 AM

## Static Scoping:

When the scope of all names can be known by looking at the text of the program. I.e. at compile time. aka Lexical Scoping.

## Dynamic scoping:

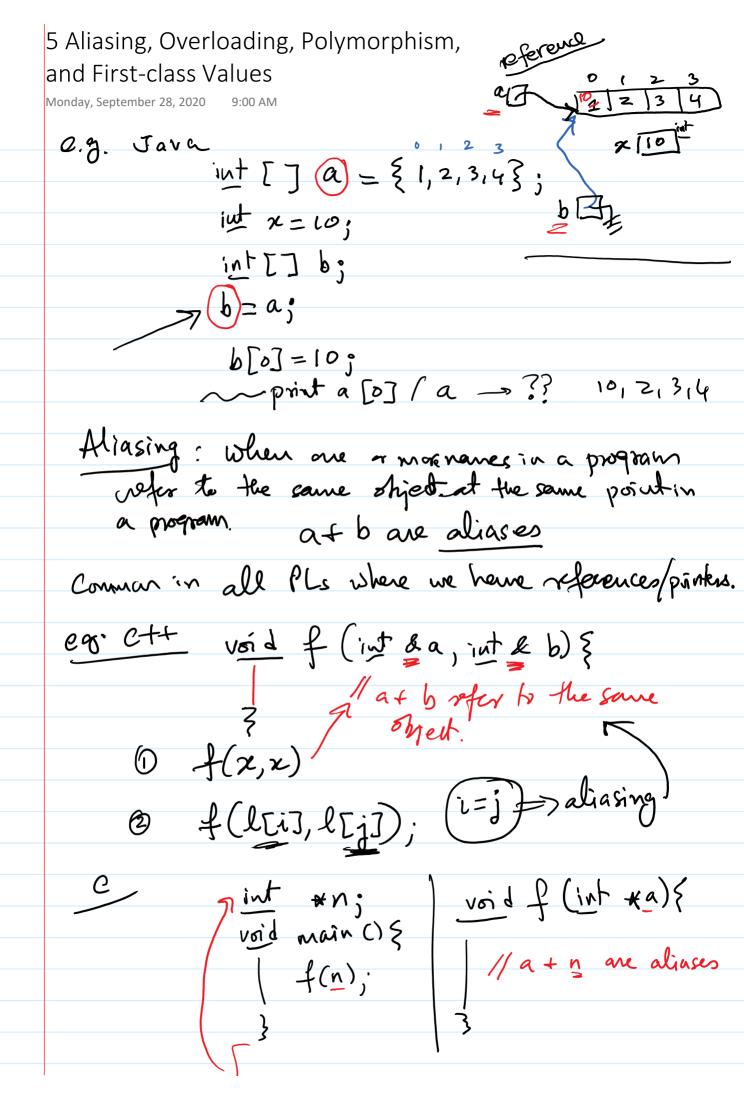
When the scope of a name can only be determined at run time, dictated by flow of execution of program.

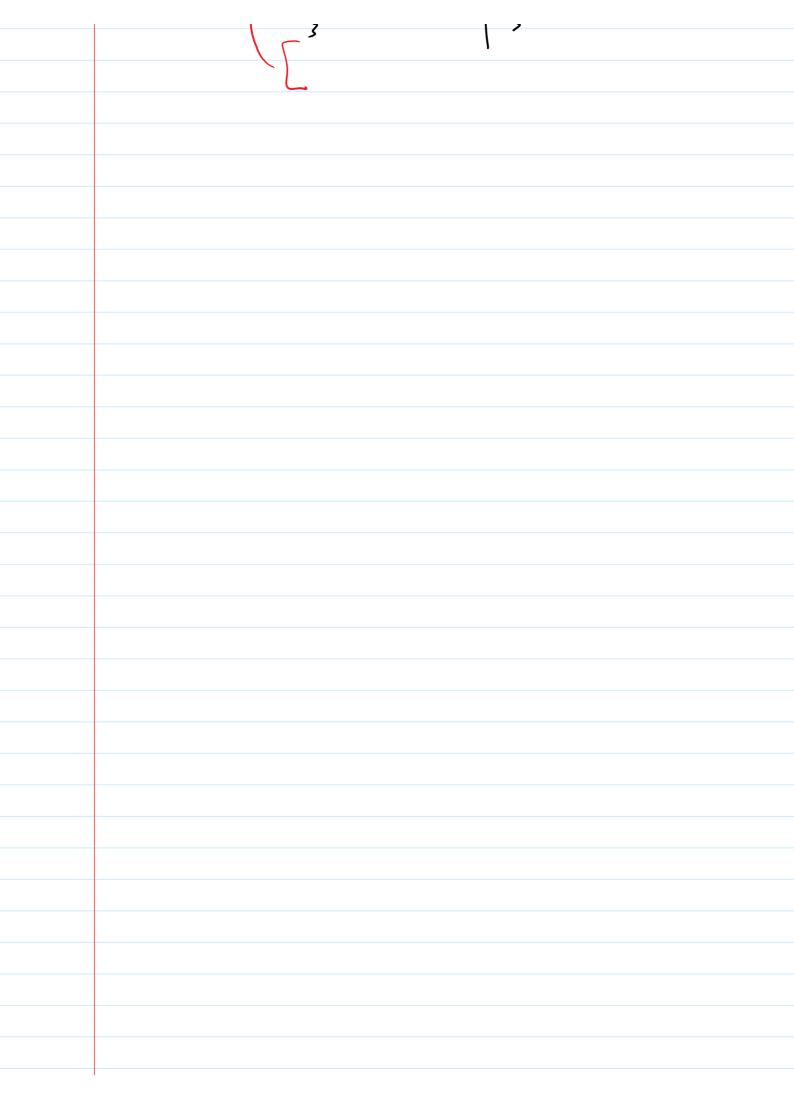


## Referencing Environment:

Complete set of bindings at a given point in a program is called a referencing environment.

Can be determined by using stack frames and static/dynamic links. But there are some other issues...due to aliasing, overloading, polymorphism, first-class values, etc.





5	Aliasing, contd.		
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	Java + Python		
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