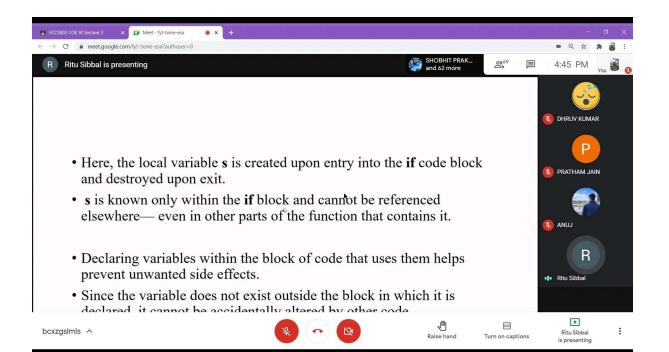
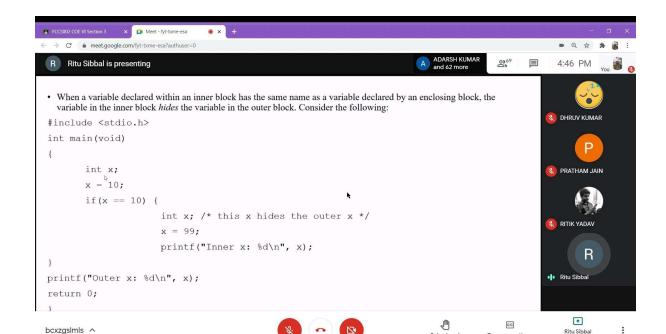


is presenting

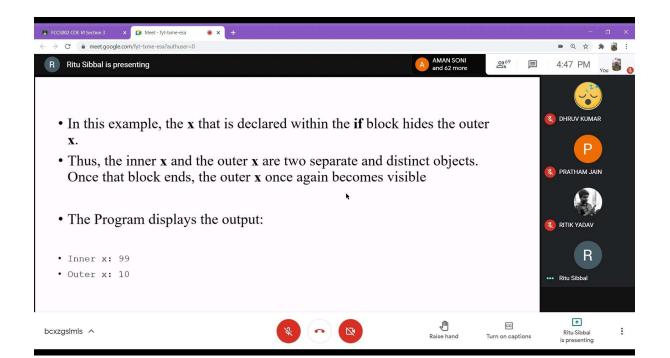




Raise hand

Turn on captions

is presenting





- Because local variables are created and destroyed with each entry and exit from the block in which they are declared, their content is lost once the block is left.
- Therefore When a function is called, its local variables are created, and upon its return they are destroyed.
- Local variables cannot retain their values between calls. (However, you can direct the compiler to retain their values by using the **static** modifier.)
- Unless otherwise specified, local variables are stored on the stack.
- The fact that the stack is a dynamic and changing region of memory explains why local variables cannot, in general, hold their values between function calls.

