Friday, April 2, 2021  Today:  -function overloading  - operator overloading  - ex 10-2 review  - ex 10-3  Recap Qs	slido.com jhuip01	HW6 due Thurs 2/8 written homework (no late days)
1) 71 functions w/ saw disdinguished via P	ne name navameters largnments filled <u>caller</u>	
2) No.		
3) Yes? (not [, [	:? (fernary), or [.*	(use of pointer to ) member function)

- constructor where param is reference to obj of same type class Name { public: Name (const string & last, const string & first); Name (const Name & other); When called; void f(const Name & n) { | Name n2 (n); | -pass-by-value! - initializer of variable Name n2 = n7 //copy cfor!

```
sadness
you get compiler-generated copy coor
                  member-wise copying
     e.g. Name
           Mequiv to compiler-gen copy ctor
           Name: Name (const Name & other)
               : last (other. last)
              , first (other first)
Bad if objects manage dynamic resources
                     e.g. memory or file
```

6) friend
-allow different class or function to access
private members
- commonuse: << or >> for I/O

use sparingly

Breakout rooms

1-5: "classic/collab"

6-20: DTY