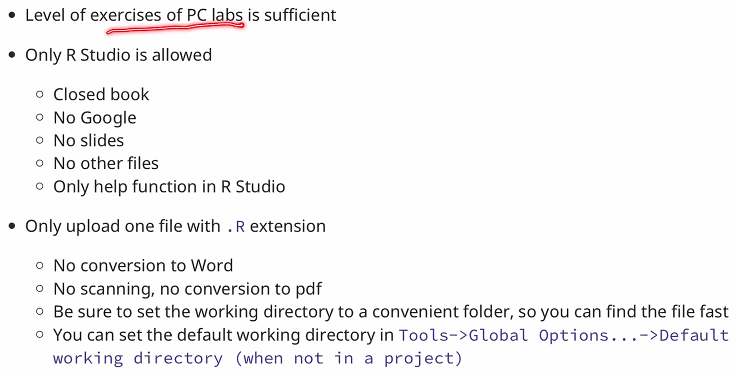
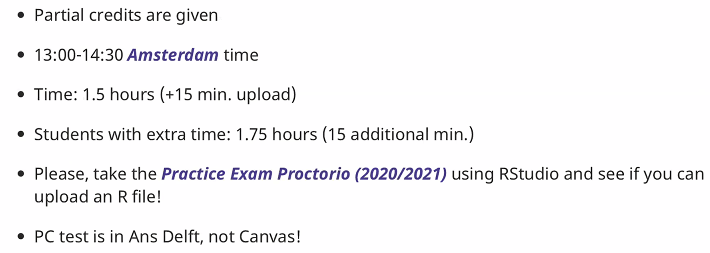
Functions

PC test 1





## Practice

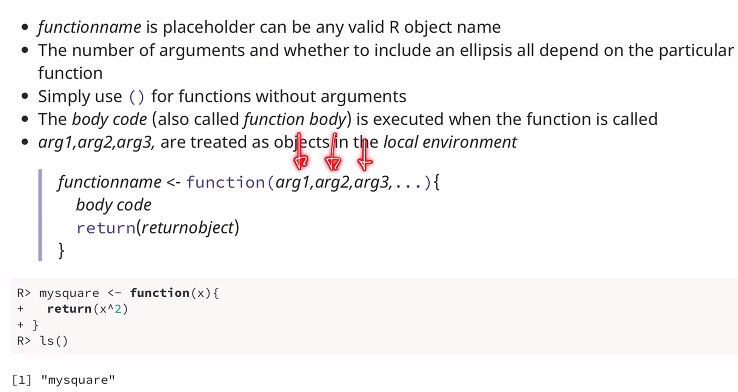


**Questions (5-6 questions)**

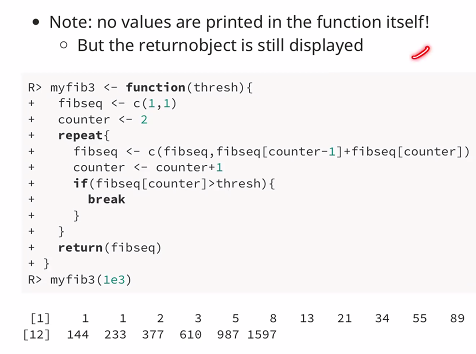
* 1 question about sequence
* Function
* Function
* Plot

**Advanced functions**

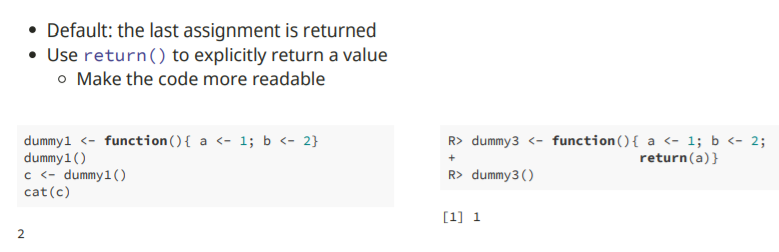
1. **Function creation**



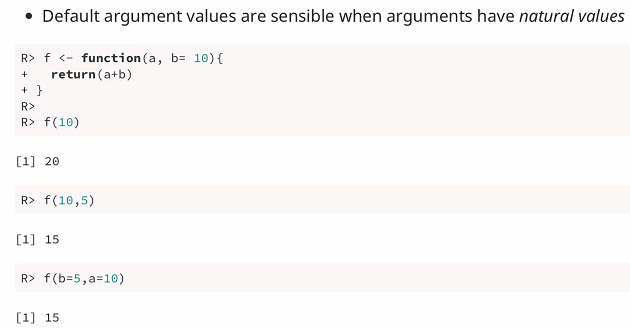
## Ex: Fibonacci Example



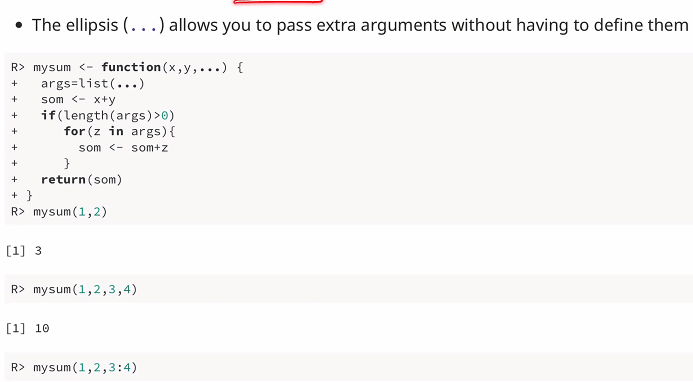
1. **Use return**



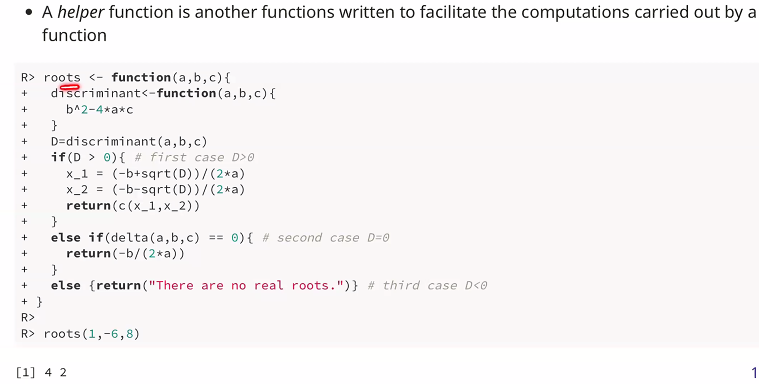
1. **Setting Defaults**



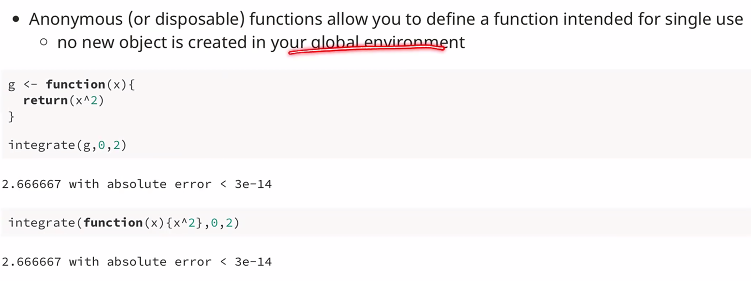
1. **Dealing with Ellipses**

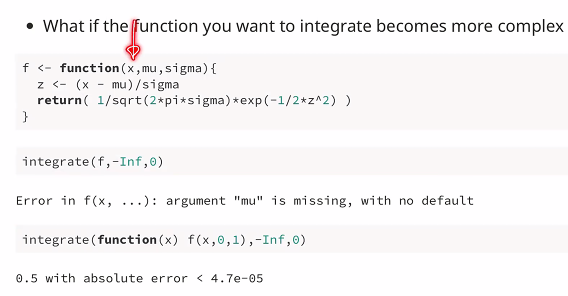


1. **Helper function – internally defined**

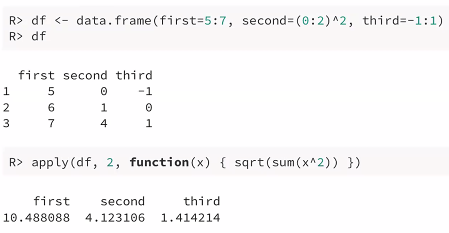


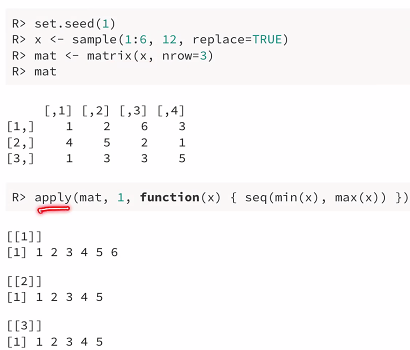
1. **Anonymous functions**



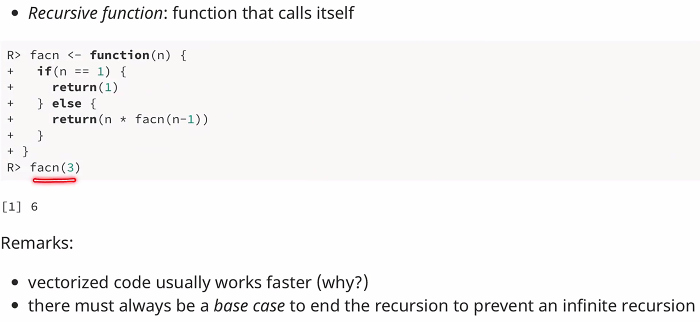


1. **Anonymous functions – Example apply()**

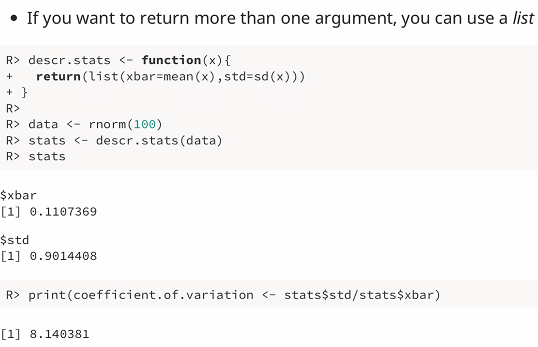




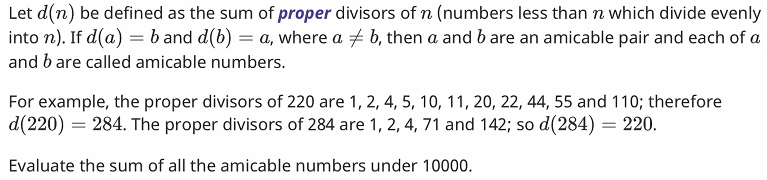
1. **Recursive functions**



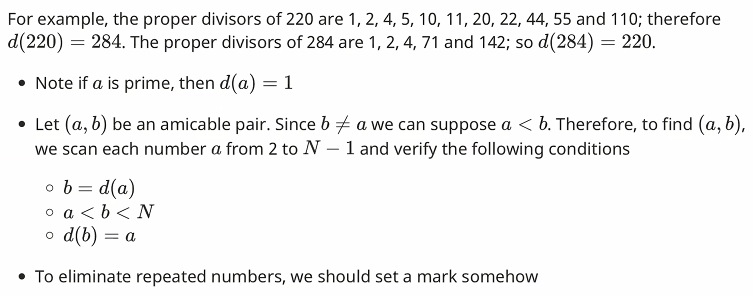
1. **Return more than 1 argument**

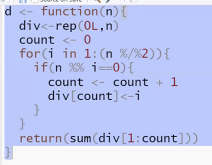


## Example – Euler problem 21: Amicable numbers



## Analysis





## Sum(Div[1:count])

## Kahoot Quiz