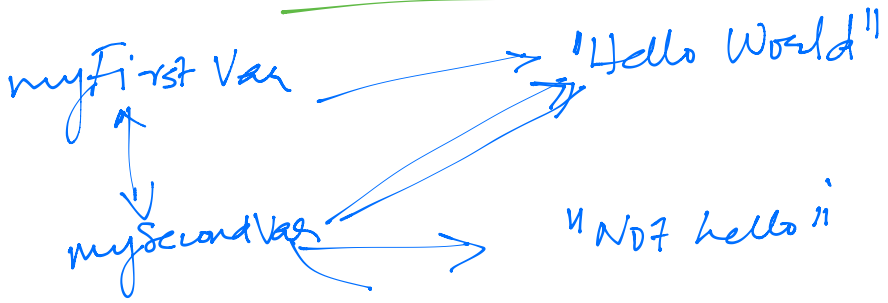
Class 1 Notes

myFirstVar → "Hello World"

mySecondVar → "Not hello"



Data Structures

Vector → Atomic Vector

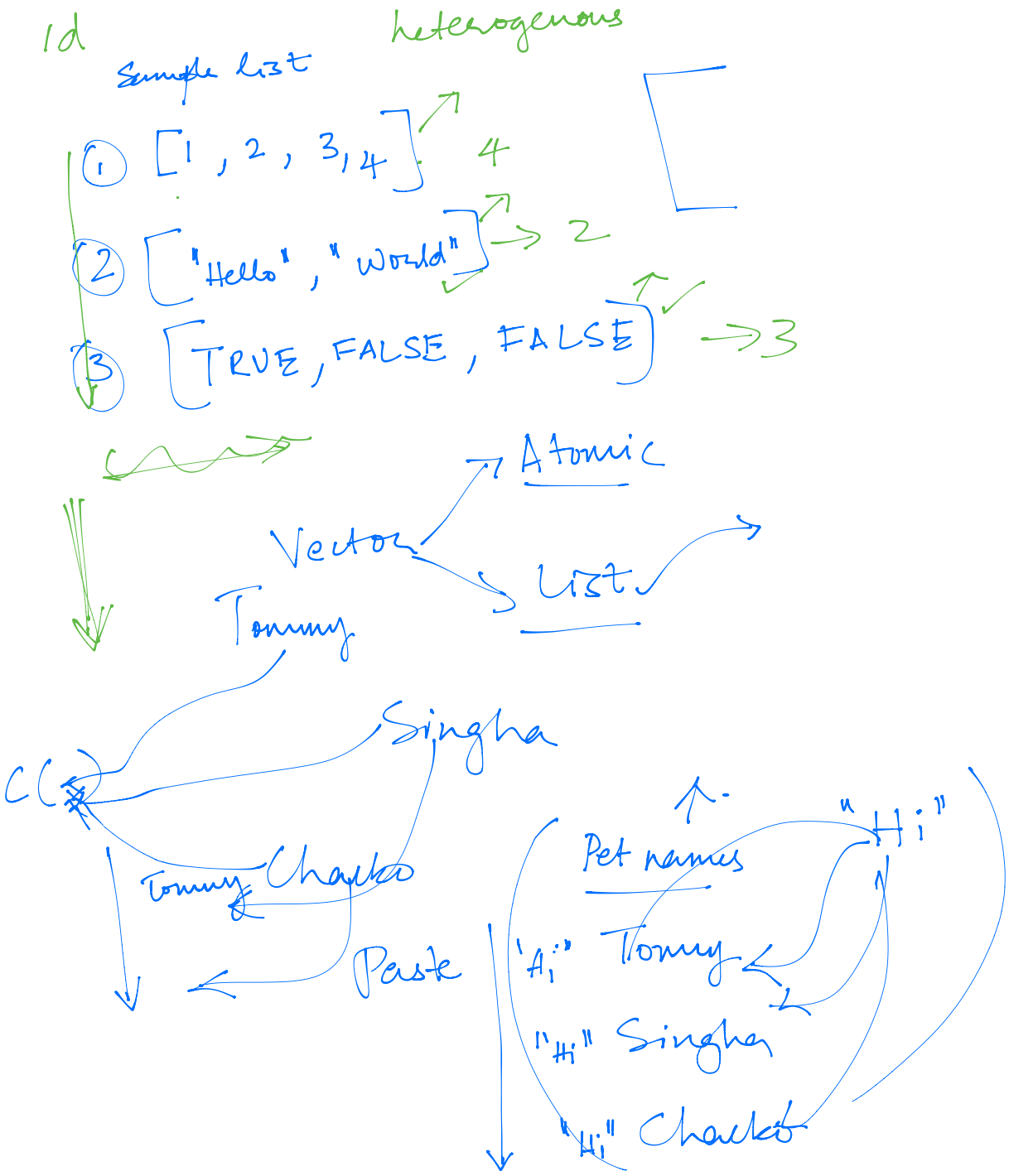
1
1.
2.
4.
5.
6
7.
10
132

8

Dataframe

Pet Name	pet Breed	pet Age (numeric)
"Tommy"	"Alsatian"	4
"Francis"	"Bulldog"	5
"Chacko"	"Mutt"	6

	homogenous	heterogenous
1d	Atomic Vector.	List.
2d	Matrix	Dataframes
nd	Arrays.	


1d
heterogenous
Simple list
1 [1, 2, 3, 4] 4
2 ["Hello", "World"] 2
3 [TRUE, FALSE, FALSE] 3
Vector
Atomic
List
Tommy
Singha
C(
Tommy Chacko
Paste
Pet names
"Hi"
"Hi" Tommy
"Hi" Singha
"Hi" Chacko

Class 2 Notes

Pipes

numVec

1	
2	4
3	9
4	16
	30

Square each value and then calculate the sum

Sum(square(numVec)) = 30

composition

Square(numVec) → Pipe %>%

Sum(.) = 30