	Agendo	2 .									
		l. (701	od q	valifies	of	unit	1 <i>ests</i>				
			Types	of	Donble	Ş.					
		3. H	tow +	to and	bwire	whe	יא אי	ouve			
		. 1	nore	than	one	impl	emen	feetion). •		

What type of inputs will	you	, test 7	·						
1. Edge canes									
2. Negative scenario	ous -	, wro	ng inp	US.					
3. Normal cares									
3. NUMBA CARS		٠ ر							
		add	(2,2)		add (-1,-20			
add (int a, int b)			(10,20		add	(MAX-	VAWE	,20)	
·	<i>§</i> .		(0,2)		odd				
. —			(10,-2)						
			(0,0)						
		,50-((0/0)						
Qualities of unit tests									
1. fast and simple.									
3A's to follow									
test()									
Arrange	-) d	ota	prepara	tion					
Act			he code		you	want	to 1	pst	
Assert									
addition Test()									
int a=20, int b= 3	v			Arran	0e				
Calculator calc = new		Water ()	٠					
int rest calc. ad	d (a,	5)	>	Act					
if (res. 1:50)				Asser	t·				

2. isolation

The output expected shouldn't be depending on any other tests that we're running.

Test cones shouldn't be dependent on each other.

Calculator

int result = 8,30 20

add (int a, int b)

result = result tats;

rehan result

Calculatoriest

calculator calc: new calculator()

t1()

a= 10, 5=20

result= colc. add (a,b)

if (result==30) / pass

tr()

a=20, b=30

result= coulc, add (a, b)

if (result= =50) r fail.

3. Repeatable

No matter how many times you run the test cases, the test cases should produce the same result for same set of inpuls.

4.	self - che cking					
	* Don't always need human interaction					
	* They should run antomatically.					
	O					
	Dev (Au test cones					
	should rung.					
5.	Test behaviour, not implementation					
	You only check if the function can	3	501	رور) .		
	sort all possible inputs or not,	planis side Propagationis				
	You'll not check the internal logic	>	۰	[]·		
	of Sorting.	·L				
٦	mplementation can change any time.					
	shouldn't result writing test cones	ogan				
	Behaviour if at! I it changes, then you'll	nead	to n	nodity	the.	
	test cones.					
Mod	cking. As	ssume 1	that e	xternal	l depend	
		ies al				
	test	t the	CUBBICO	it fun	only.	

Product Controller

Product service ps;

get Product (id)

This should be mocked.

// validale id

of modify id to diff format

Product p = ps. get (modified Ed)

11 some changes to product

11 return product

Product p= new product ("Machook")

when (ps. Set (1)). then Retian (p)

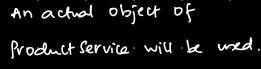
expected product = controller. first product (1);

expected Name . equals ("Macbook");

Product Service

Product Service Test

Product Repo repo;

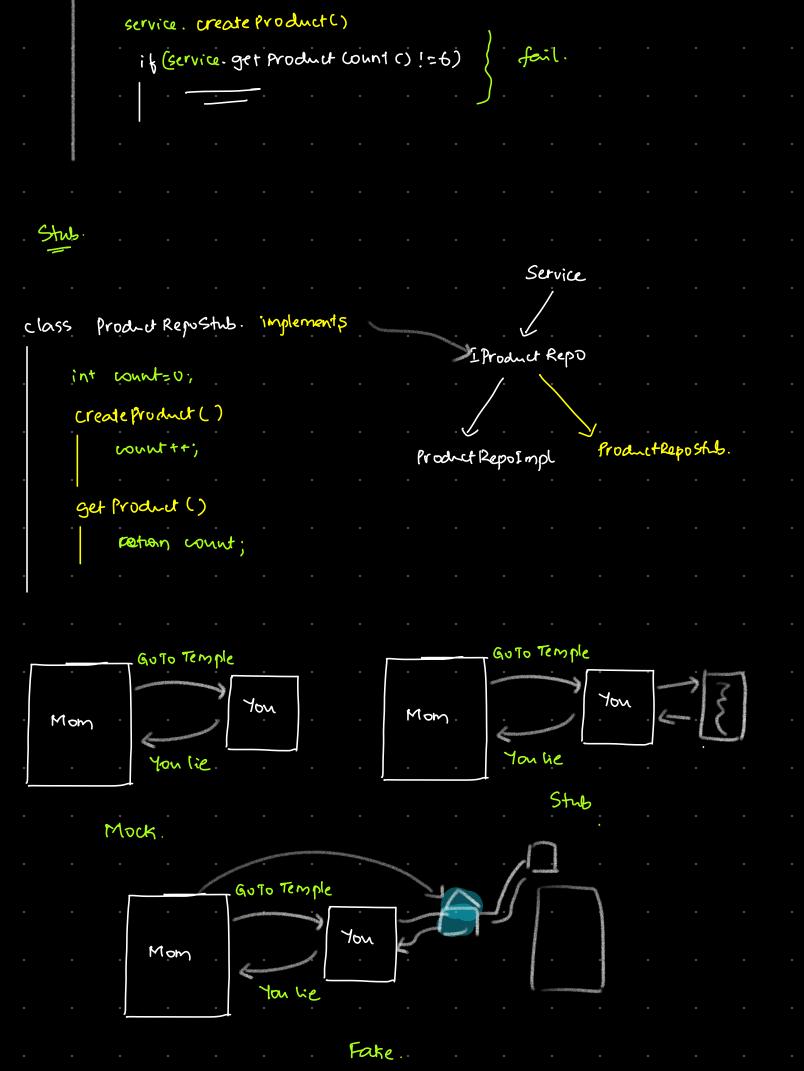


But, a mocked object of

repo wiy be used.

Double

Similar to body double, person who replaces the actor for the stant.



			11 OLK					\longrightarrow	Towa	rds	realis	ty.		
Prod	duct	Repo	False	, ìm	plen	nents	.IP	rodud	t Repo	· ·				
	Ma	p Z Zi	nt; pro	dult) · n	rap";	int	id=1	., .					
			roduct											
	•	, m	ap. pi	t .(i	d, P	roduct	·) ; (idtt;						
political property and the second	. ge	t Pro	dut ().										
	۰	. m	ap.set	cid	۰									
and the second														

