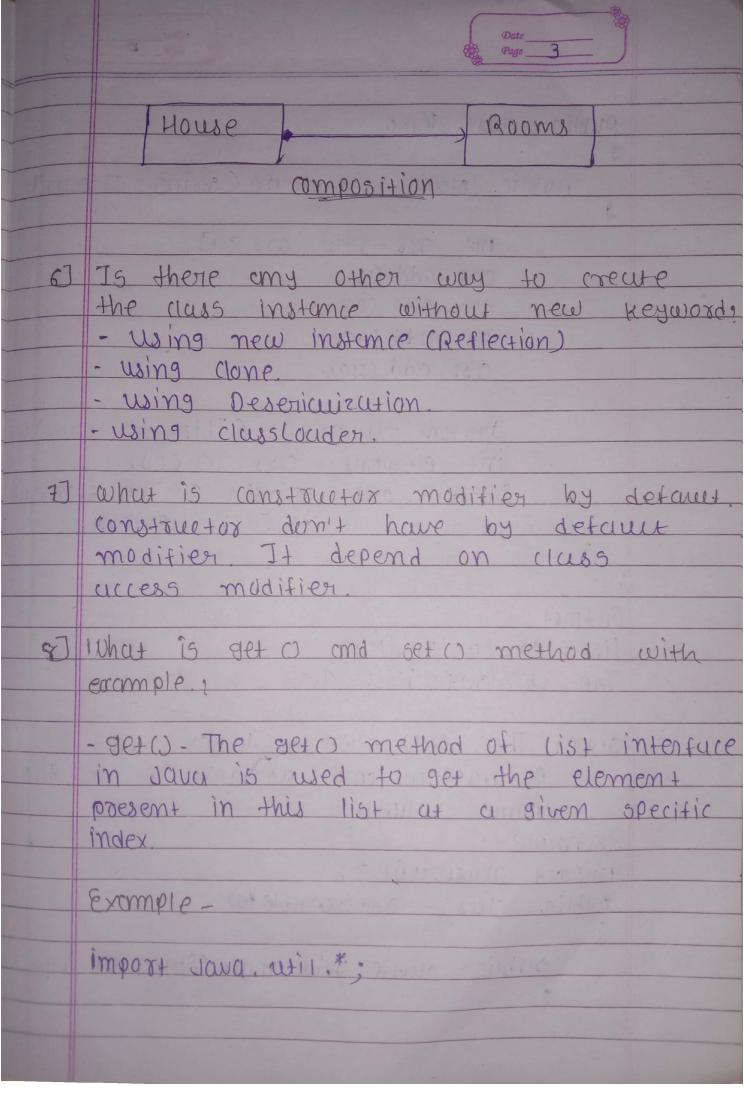
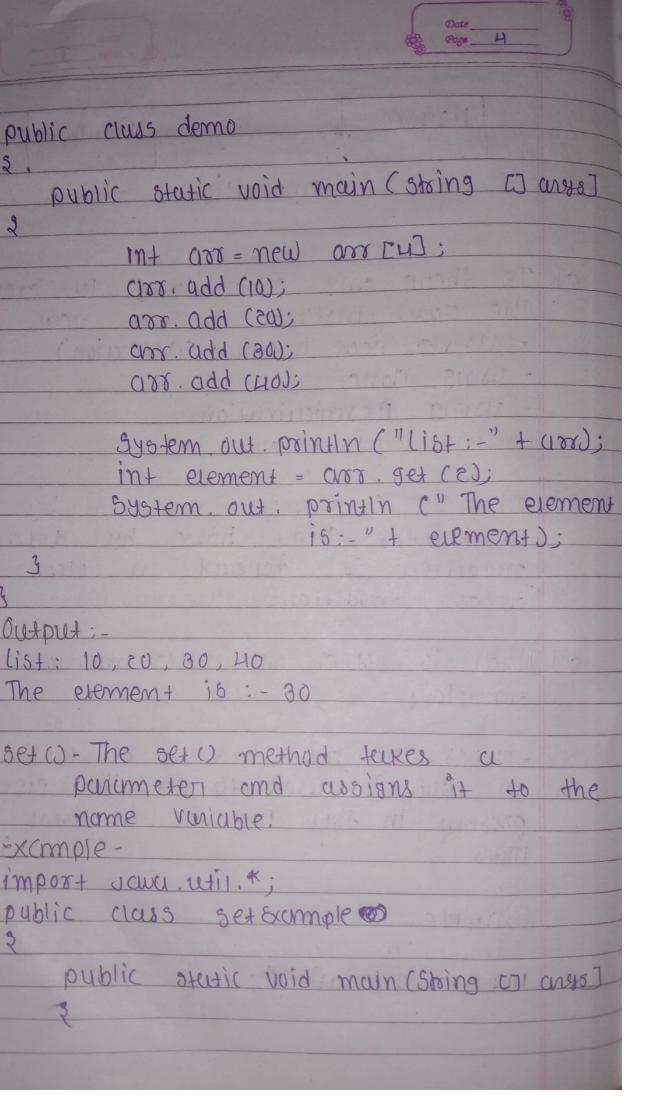
	Date
	Name-Ankita Kesurbhai Gwiza @ 2009-1
	Envolmentno - 12008101
.7	Discourse de la constant de la const
U	Difference between class and components.
3.40	class components.
-	A class is a general. A component is
	abstruct representation the fundamental user
	of cm object, that interface object in
. 1318 1 02	opecifies the fields Jouly
	emd methods that such
	cm object has.
-	When we write oo - Everything you see on
	programs are don't the display in a Jana
	define individual application is a component
	objects, we define This includes things
	clusses, and then use like windows, pamels
	them as templates buttons checkboxes,
	for constructing objects scrollbars and text fields.
-	Fain individual object a component usually
	is couled an instance must be pueced in
	of its class. a container.
[3	How many basic/poincery duter types
	supported by Jana 9
	- Basic dutertypes are: - Integer, floating-
	point, character, stoins, double, byte
	short, long

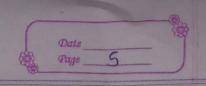




public class demo

Output: -

exemple-



Set hush-set = new Hushset()
hush-set. add ("Example");
hush-set. add ("Of");
hash-set add ("set");
hush-set. add ("method");

System. Out. printin (hash-set);

3

Output -

[Fxcmple, of, set, method]

9) What is aggresolation with example:

- Aggresolation is a term which is used
to refer one way relationship between

teno objects.

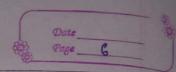
- In Jana, aggregation represents HAS-A relationship, which means when a class contains reference of mother class known to have aggregation.

: The HAS-A relationship is based on usage, rather tham inheritemee.

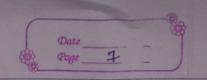
Exemple-

Public class Address

String city, Stute, Country;



```
public Address CString city, string state
        Country) eniste
       this city = city;
      this state = state;
        this. country = country;
public class Emp
   int id;
   String name;
   Address address:
   public Emp (int id, string name, Address
                         clddress)
      this. id = id;
  . this name = name;
      this. address = address;
   void display()
     System. out, printin (id +""+ name);
     System out printin caddress city + " "+
           address. State +" "+ address. county
```



public static void main (String c) angs)

Address cidress! = new Address

("926", "Up", "india"):

Address ciddress = new Address

("9no", "Up", "india"):

EMP ez = new EMPC112, "Urum", address 2);

e. display (); ez. display ();

}

- The composition is a design technique in Java to implement a has - a relationship.

- Java inheriteme is used for code reuse purposes and the same we com do by using inheritance.

- The composition is achieved by using cm instemce variable that refers to other objects.

Example -

	Oate
7	
17000	class A move blow survey strains
	\$
	int $x = 10$;
Malbai	311
77	class o
1 36 White	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	int y = 20;
- Maria Company	A a = new A(o;
- CO 80 E SI	· System: out. pointin (4:00 +""+4);
-	3
_	0.01 m. 1.1
_	OUtput -
	[10,20]
711	What is cohemoion?
	- Cohension is the object oriented porinciple
The sales of the sales	most closery associated with making
	sure that a cruss is designed with
	a single, well-focused purpose.
1000	- The more focused a class is, the man
1/10/19	cohemiveness of that class is more
PART	Cluss A Close o
	Check Econolis
	Check Email O class B
	validate Email ()
	Send Email O Cluss C
	Bendemais ()
	Low cohemoion High cohemion.
	THE COVENCION.