2 Dessine-moi la mémoire Exercice 1 int i = 9; Integer j = new Integer (i); 0x00500 0 0 stack heap 0 0 Exercice 2 int numbers [] = new int [6]; numbers [3] = 99; numbers 0 6 0 0 9 9 0 0 0 0 0 0 stack heap Exercice 3 String name = new String (" Giselle "); String subname = name . substring (2 , 4); String subname2 = name . clone (). substring (1 , 3); name subname subname2 Adresse 1 Adresse 1 Adresse 2 substring operation substring operation stack heap G G е е Exercice 4 public class Person { private Person mother; public Person () { mother = null ;} public my_mother_is (Person p) { mother = p; } Person me = new Person (); Person mother = new Person (); me . my_mother_is (mother); // (b) (a) mother me Adresse 2 Adresse 1 stack ----heap Instance Objet Person 2 Instance Objet Person 1 + mother = **null** + mother = null (b) mother me Adresse 2 Adresse 1 stack

Instance Objet Person 2 + mother = null

Adresse 2

Instance Objet Person 2

Adresse 2

Instance Objet Person 2

+ age = **int 9**

+ age = **int 9**

stack heap

stack heap

stack heap

Instance Objet Person 1

static void make_new (Person p) {

Person person = new Person (1);

Person . make_new (person);

p = new Person (9);

Exercice 5

public Person {
 private int age ;
 public Person (int age) {
 this . age = age ;

//(b)

//(a)

//(c)

(a)

(b)

(c)

+ mother = Adresse 2

Adresse 1

Instance Objet Person 1
+ age = int 1

Adresse 1

Instance Objet Person 1 + age = **int 1**

Adresse 1

Instance Objet Person 1 + age = int 1

+ p = Adresse 2

+ p = Adresse 2

person

person