



**Universidad de las Fuerzas Armadas**

**CLASS NAME :OBJECT ORIENTED  
PROGRAMMING  
LASCANO  
NRC:14575  
TOPIC:**

**TEACHER: EDISON**

**WORKSHOP #10**

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The screenshot shows the Apache NetBeans IDE interface. The main editor displays a Java file named `Contacts.java` with the following code:

```
23 System.out.println("Things ---> "+ things);
24 things.add(e: 19860);
25 System.out.println("Things ---> "+ things);
26
27 Date date2 = new Date();
28 Person person = new Person(id: 1, firstName:"David", lastName:"Cepeda", birthDate:date2);
29 things.add(e: person);
30
31 things.remove(e: 3000);
32 System.out.println("Things ---> "+ things);
33 things.remove(e: 19860);
34 System.out.println("Things ---> "+ things);
35
36 Collection<Integer> integers = new ArrayList<>();
37 integers.add(e: 1);
38
39 Collection<Person> person;
40 person = new ArrayList<>();
41
42 for (int i = 0; i < 5; i++){
43     person.add(new Person(id: 1, firstName:"David", lastName:"Cepeda",new Date()));
44 }
45
46 System.out.println("Person size: "+ person.size());
```

The Output window at the bottom shows the following text:

```
run:
size at the beginning: 0
size now: 3
Things ---> [19860, Hello David Cepeda, 4020.26]
Things ---> [19860, Hello David Cepeda, 4020.26, 19860]
Things ---> [19860, Hello David Cepeda, 4020.26, 19860, Person{id=1, firstName=David, lastName=Cepeda, birthDate=Thu Nov 30 11:20:12 ECT 2023}]
Things ---> [Hello David Cepeda, 4020.26, 19860, Person{id=1, firstName=David, lastName=Cepeda, birthDate=Thu Nov 30 11:20:12 ECT 2023}]
Person size: 5
BUILD SUCCESSFUL (total time: 0 seconds)
```