# WORKSHOP #10

**NRC**: 14575

**CLASS NAME:** OBJECT ORIENTED PROGRAMMING

**INSTRUCTOR:** EDISON LASCANO

**TOPIC:** PROJECT PERSONS

**NAME:** RONY CEDEÑO

**DATE:** 30/11/2023

```java
package ec.edu.espe.persons.view;

import ec.edu.espe.persons.model.Person;
import java.util.ArrayList;
import java.util.Collection;
import java.util.Date;


/*
@author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
*/
public class ContactSystem {

    public static void main(String[] args) {

        Collection things;
        things = new ArrayList();
        System.out.println("size " + things.size());

        things.add(e:71);
        things.add(e:"Rony");
        things.add(e:66.66F);
        System.out.println(x:things);
        System.out.println("size " + things.size());
        things.add(e:71);
        System.out.println(x:things);

        Date birthday = new Date();

        Person person = new Person(id: 1, firstName: "Rony", lastName: "Cedeño", BirthDate: birthday);
        things.add(e:person);
        System.out.println("size " + things.size());

        things.remove(o:71);
        System.out.println("size " + things.size());

        Collection<Integer> integers = new ArrayList<>();
        integers.add(e:1);

        Collection<Person> persons;
        persons = new ArrayList<>();

        for (int i = 0; i < 5; i++) {
            persons.add(new Person(id: i, firstName: "Rony", lastName: "Cedeño", BirthDate: birthday));
        }

        System.out.println("size -->" + things.size());
        persons.forEach((p) -> {
            System.out.println("Person --> " + p);
        });
    }

}
```

```java
package ec.edu.espe.persons.model;

import java.util.Date;

/*
@author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
*/
public class Person {

    private int id;

    public Person(int id, String firstName, String lastName, Date BirthDate) {
        this.id = id;
        this.firstName = firstName;
        this.lastName = lastName;
        this.BirthDate = BirthDate;
    }

    @Override
    public String toString() {
        return "Person{" + "id=" + id + ", firstName=" + firstName + ", lastName=" + lastName + ", BirthDate=" + BirthDate + '}';
    }
    private String firstName;
    private String lastName;
    private Date BirthDate;

    /**
     * @return the id
     */
```

```
run:
size 0
[71, Rony, 66.66]
size 3
[71, Rony, 66.66, 71]
size 5
size 4
size -->4
Person --> Person{id=0, firstName=Rony, lastName=Cede�o, BirthDate=Sun Dec 17 16:35:23 ECT 2023}
Person --> Person{id=1, firstName=Rony, lastName=Cede�o, BirthDate=Sun Dec 17 16:35:23 ECT 2023}
Person --> Person{id=2, firstName=Rony, lastName=Cede�o, BirthDate=Sun Dec 17 16:35:23 ECT 2023}
Person --> Person{id=3, firstName=Rony, lastName=Cede�o, BirthDate=Sun Dec 17 16:35:23 ECT 2023}
Person --> Person{id=4, firstName=Rony, lastName=Cede�o, BirthDate=Sun Dec 17 16:35:23 ECT 2023}
BUILD SUCCESSFUL (total time: 0 seconds)
```