



ESPE

UNIVERSIDAD DE LAS FUERZAS ARMADAS
INNOVACIÓN PARA LA EXCELENCIA



WORKSHOP #13

NRC: 14575

CLASS NAME: OBJECT ORIENTED PROGRAMMING

INSTRUCTOR: EDISON LASCANO

TOPIC: ARRAYS IN CONTACTS

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DATE: 11/12/2023

```

1 package ec.edu.espe.persons.view;
2
3 /*
4  * @author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
5  */
6 import ec.edu.espe.persons.model.Person;
7
8 public class Contacts {
9
10     public static void main(String[] args) {
11         int addend1 = 20;
12         int addend2 = 30;
13         int addition;
14         int id = 1;
15         String name = "Rony";
16         String phoneNumber = "098492761";
17         String email = "ronycedeno558@gmail.com";
18         Person person;
19         person = new Person(id, name, phoneNumber, email);
20
21         System.out.println("id of the class -----> " + id);
22         System.out.println("addition of -> " + addend1 + " + " + addend2 + " is -->" + (addend1 + addend2));
23
24         System.out.println("print after entering the function add");
25         addition = add(addend1, addend2);
26         System.out.println("addition of -> " + addend1 + " + " + addend2 + " is -->" + addition);
27
28         System.out.println("Print before entering the function registerContact");
29         System.out.println("id: " + id + ", name: " + name + ", " + phoneNumber + ", " + email);

```

```

1 package ec.edu.espe.persons.model;
2
3 /*
4  * @author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
5  */
6 public class Person {
7
8     private int id;
9     private String name;
10    private String phoneNumber;
11    private String email;
12
13    @Override
14    public String toString() {
15        return "Person{" + "id=" + getId() + ", name=" + getName() + ", phoneNumber=" + getPhoneNumber() + ", email=" + getEmail() + "}";
16    }
17
18    public Person(int id, String name, String phoneNumber, String email) {
19        this.id = id;
20        this.name = name;
21        this.phoneNumber = phoneNumber;
22        this.email = email;
23    }
24
25    /**
26     * @return the id
27     */
28    public int getId() {
29        return id;

```

```
run:
id of the class -----> 1
addition of -> 20 + 30 is -->50
print after entering the function add
addition of -> 20 + 30 is -->80
Print before entering the function registerContact
id: 1, name: Rony, 098492761, ronycedeno558@gmail.com
Person before ---> Person{id=1, name=Changed Name, phoneNumber=098492761, email=ronycedeno558@gmail.com}
id: 20, name: Stiven, 098492761, ronycedeno558@gmail.com
Person inside --> Person{id=1, name=Stiven, phoneNumber=098492761, email=ronycedeno558@gmail.com}
Print after entering the function registerContact
id: 1, name: Rony, 098492761, ronycedeno558@gmail.com
Person before -----> Person{id=1, name=Stiven, phoneNumber=098492761, email=ronycedeno558@gmail.com}
BUILD SUCCESSFUL (total time: 0 seconds)
```