



SEMESTRE MAYO- AGOSTO

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Activity: HW10 – ArrayList and Array

```
1 package ec.edu.espe.array.view;
2
3 import ec.edu.espe.array.model.Event;
4 import ec.edu.espe.array.model.Staff;
5
6 /**
7  *
8  * @author Jefferson David Yopez Moran, Bit Coders, DCCO -ESPE
9  */
10 public class EventSystemArray {
11     public static void main(String[] args) {
12         Event event;
13         Staff[] staff = new Staff(2);
14
15         staff[0] = new Staff(id: 1, type:"security", workday: "06/12/2023 -- 19:00", employees:"1.- Felipe Quilumbango 2.- Joe Congo 3.- Zaith Manangon",
16         staff[1] = new Staff(id: 2, type:"services", workday: "07/12/2023 -- 8:00", employees:"1.- Bryan Yopez 2.- Wilian Yopez 3.- Frank Landeta", totalStaffC
17
18         event = new Event(id: 1, startTime:"06/12/2023 -- 19:00", endTime:"07/12/2023 -- 1:00", artist:"Luis Miguel", estimatedCost: 25000, eventPlace:staff);
19
20         System.out.println(e: event);
21     }
22 }
```

Output:

```
Event:
- Id = 1
- StartTime = 06/12/2023 -- 19:00
- EndTime = 07/12/2023 -- 1:00
- Artist = Luis Miguel
- EstimatedCost = 25000.0
- Staff:
* id=1, type=security, workday=06/12/2023 -- 19:00, employees=1.- Felipe Quilumbango 2.- Joe Congo 3.- Zaith Manangon, total
* id=2, type=services, workday=07/12/2023 -- 8:00, employees=1.- Bryan Yopez 2.- Wilian Yopez 3.- Frank Landeta, totalStaffC
BUILD SUCCESSFUL (total time: 0 seconds)
```

```
9
10
11 /**
12  * @author Jefferson David Yopez Moran, Bit Coders, DCCO -ESPE
13  */
14 public class EventSystemArrayList {
15     public static void main(String[] args) {
16         Event event;
17         ArrayList<Employee> employees = new ArrayList<>();
18
19         employees.add(new Employee(id: 1, name:"Juan Pasquel", hourlyWage: 30));
20         employees.add(new Employee(id: 2, name:"Mishell Ruiz", hourlyWage: 20));
21
22         event = new Event(id: 1, startTime:"06/12/2023 -- 19:00", endTime:"07/12/2023 -- 1:00", artist:"Ozuna", estimatedCost: 12500, employees);
23
24         System.out.println(e: event);
25     }
26 }
```

Output:

```
Event:
- Id = 1
- StartTime = 06/12/2023 -- 19:00
- EndTime = 07/12/2023 -- 1:00
- Artist = Ozuna
- EstimatedCost = 12500.0
- Employees:
[
* id=1
name = Juan Pasquel
hourlyWage = 30.0,
* id=2
name = Mishell Ruiz
hourlyWage = 20.0]
BUILD SUCCESSFUL (total time: 0 seconds)
```