

Universidad Don Bosco

Facultad de Ingeniería



“Parcial 1”

Materia:

Desarrollo de Software para Móviles

Presentado por:

Batres Alemán, Christian Alberto

BA180355

Grupo:

01L

Docente:

Ing. Alexander Sigüenza

San Salvador, 27 de febrero del 2021

Repositorio público del parcial: <https://parcialreact-6e6c8.web.app/>

➤ **Funcionamiento del ejercicio 1 (porcentaje de avance 100%)**

The screenshot shows a mobile application interface titled "ejercicio1" in a purple header bar. The status bar at the top indicates 4G connectivity, battery level, and the time 6:11. The main content area contains three input fields labeled A, B, and C. Field A contains the number 2, field B contains 45, and field C contains 5. Below these fields is a purple button labeled "CALCULAR SOLUCIONES". At the bottom of the screen is a numeric keypad with digits 1-9, 0, a decimal point, and a minus sign. There is also a green checkmark button in the bottom right corner of the keypad area. To the right of the phone screen, a vertical toolbar is visible with various icons: a power button, a speaker, a microphone, a document, a camera, a magnifying glass, a triangle, a circle, a square, and a three-dot menu.

ejercicio1

A:

2

B:

45

C:

5

CALCULAR SOLUCIONES

1 2 3 -

4 5 6 ,

7 8 9 ✕

. 0 _ ✓

ejercicio1

A:

2

B:

45

C:

5

CALCULAR SOLUCIONES

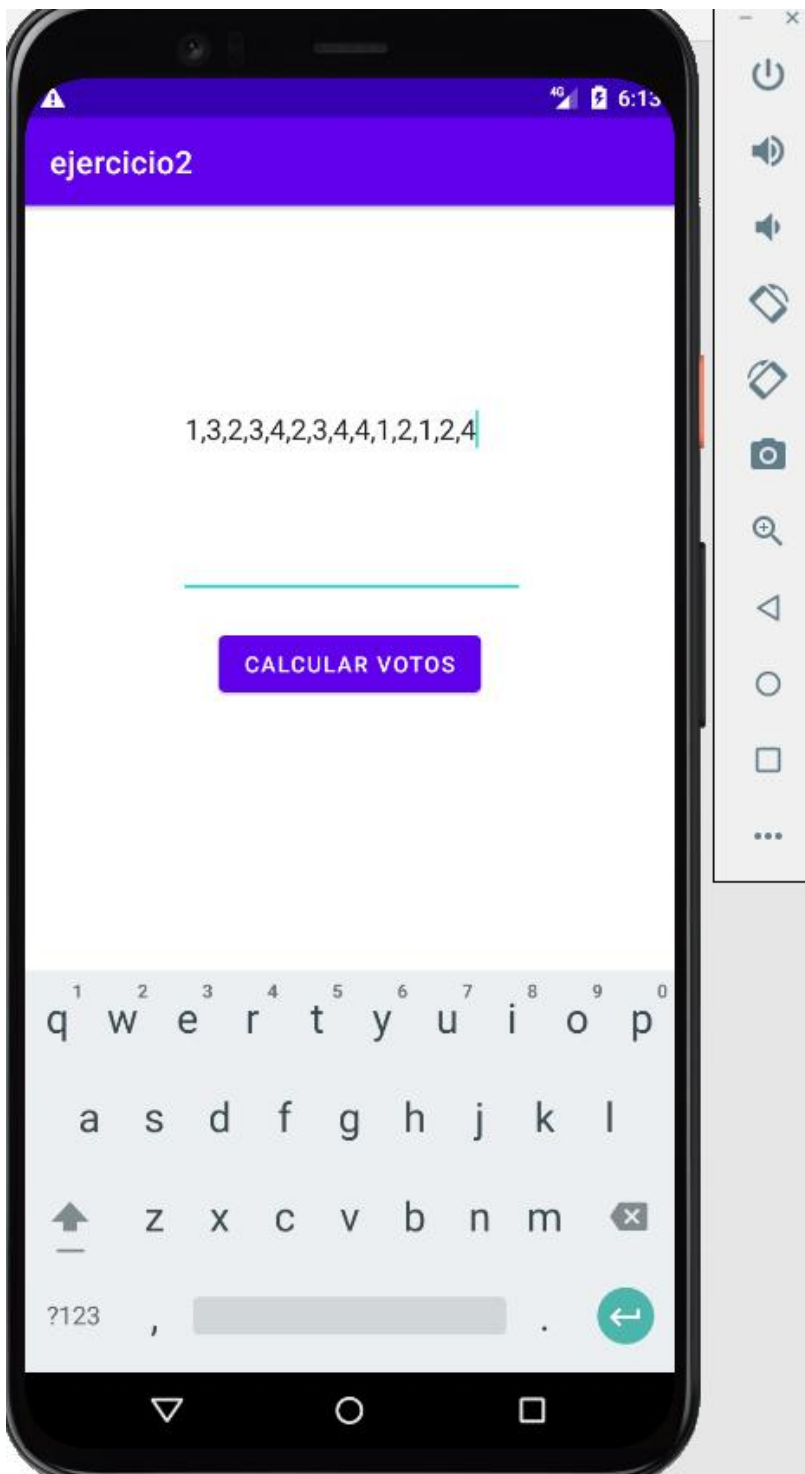
1 2 3 -

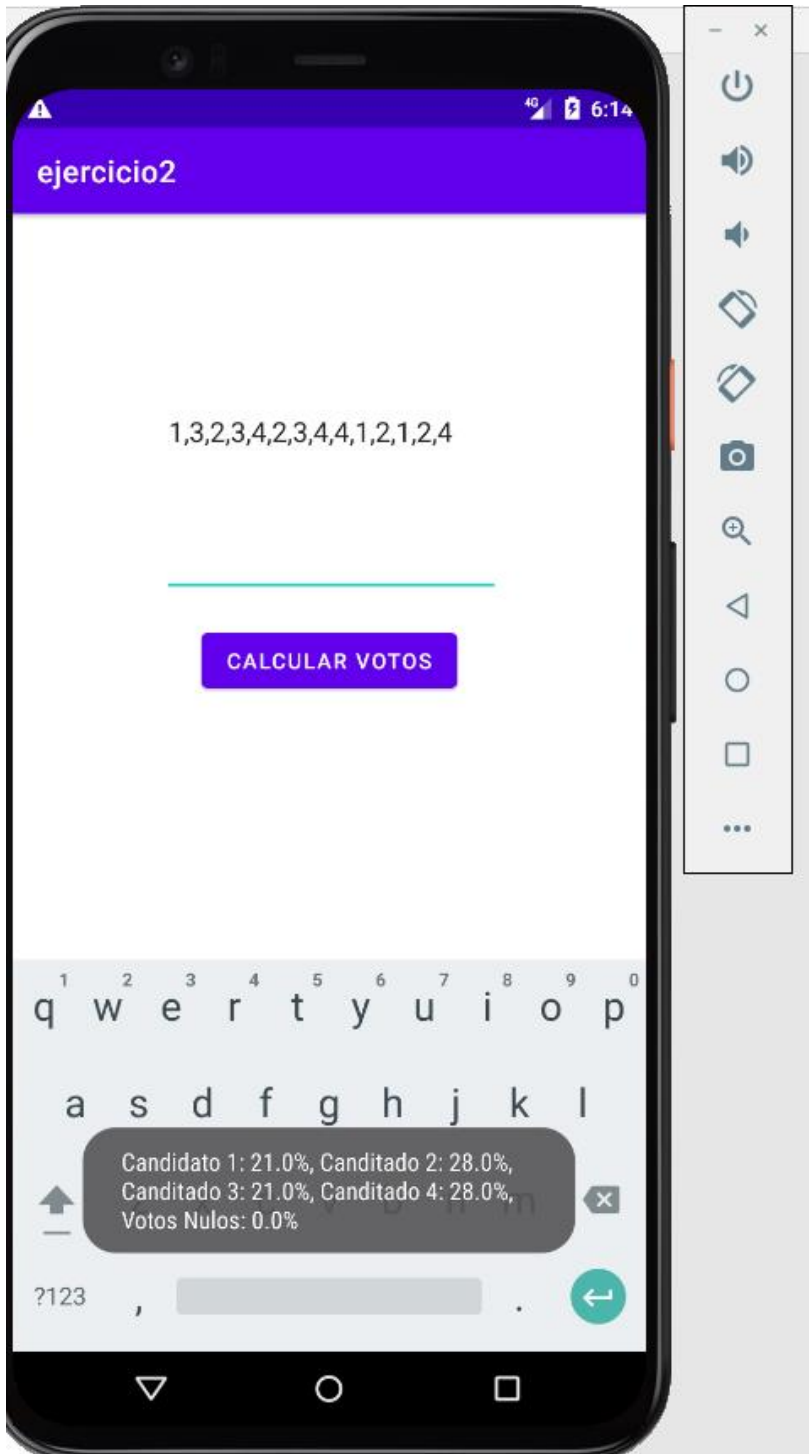
4 5 6 ,

7 Solucion X1: -0.11166529502726874,
Solucion X2: -22.38833470497273

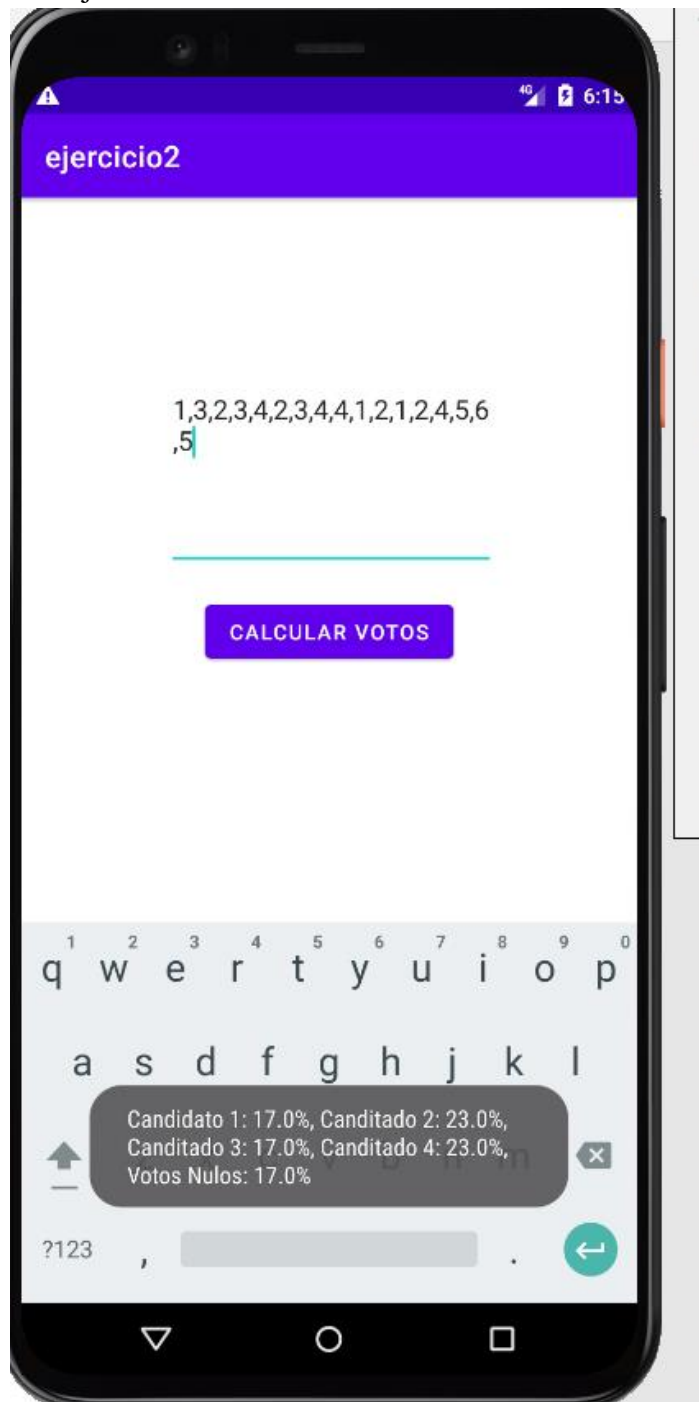
. 0 _ ✓

- **Funcionamiento del ejercicio 2 (porcentaje de avance 100%), (se tomó en consideración votos nulos como un extra).**





- Manejo de votos nulos

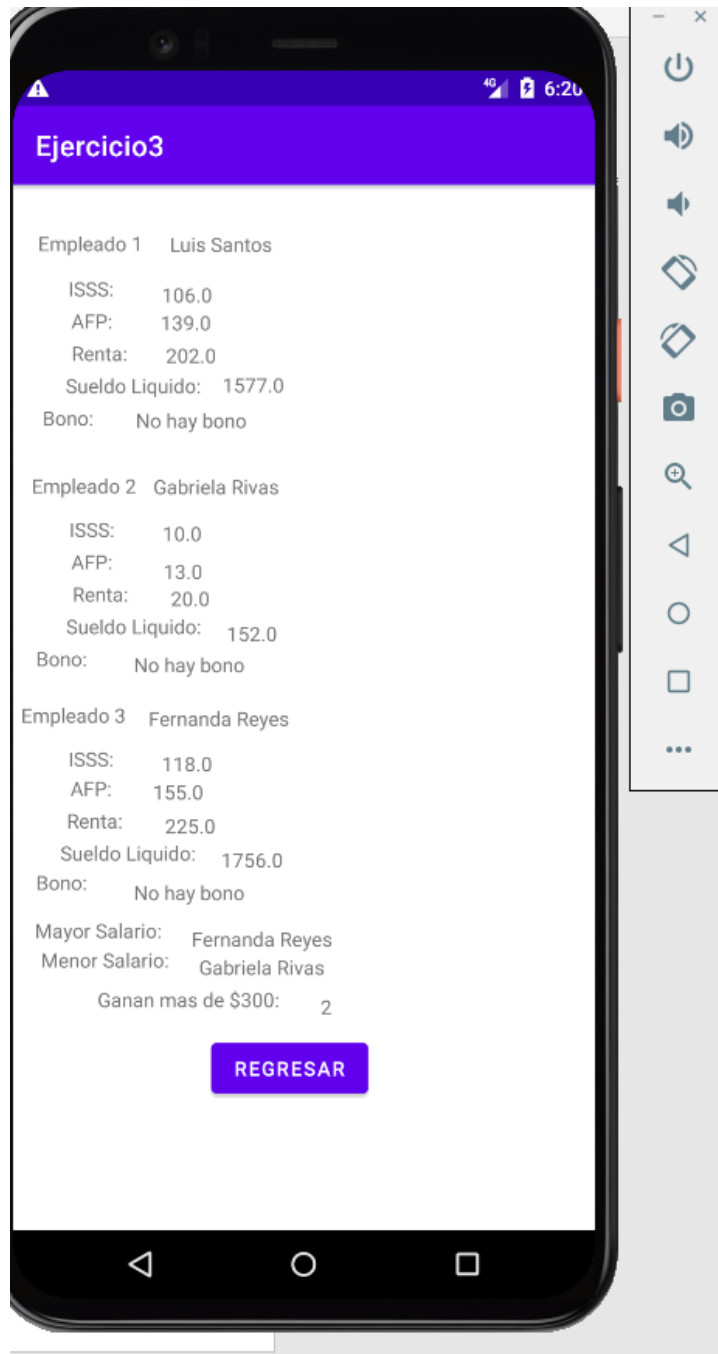


- **Funcionamiento del ejercicio 3 (porcentaje de avance 100%).**
Ejemplo 1: (1-Gerente, 2-Asistente, 3-Secretaria)

The screenshot shows a mobile application interface titled "Ejercicio3". It displays a form for entering employee data. The form is organized into three sections, one for each employee. Each section contains three input fields: a name field, a position field, and a salary field. The first employee, "Empleado 1", has the name "Luis Santos", position "Gerente", and salary "200". The second employee, "Empleado 2", has the name "Gabriela Rivas", position "Asistente", and salary "20". The third employee, "Empleado 3", has the name "Fernanda Reyes", position "Secretaria", and salary "220". At the bottom of the form, there is a blue button labeled "CALCULAR SALARIO". The application is running on a device with a black bezel, and the status bar at the top shows the time as 6:18 and 4G connectivity. A vertical toolbar on the right side of the screen contains various icons for system functions like power, volume, and camera.

Empleado	Nombre	Cargo	Salario
Empleado 1	Luis Santos	Gerente	200
Empleado 2	Gabriela Rivas	Asistente	20
Empleado 3	Fernanda Reyes	Secretaria	220

CALCULAR SALARIO



Ejemplo 2: Con bono

The image shows a mobile application interface titled "Ejercicio3". It features three sections for employee data entry, each with a title, a name field, a position field, and a salary field. The first section is for "Empleado 1" with "Luis Santos" as the name, "Gerente" as the position, and "200" as the salary. The second section is for "Empleado 2" with "Gabriela Rivas" as the name, "Administradora" as the position, and "160" as the salary. The third section is for "Empleado 3" with "Fernanda Reyes" as the name, "Secretaria" as the position, and "220" as the salary. A purple button labeled "CALCULAR SALARIO" is located at the bottom of the form. The app is running on a device with a status bar at the top showing "4G", battery, and time "6:21". A floating action menu is visible on the right side of the screen.

Ejercicio3

Empleado 1

Luis Santos

Gerente

200

Empleado 2

Gabriela Rivas

Administradora

160

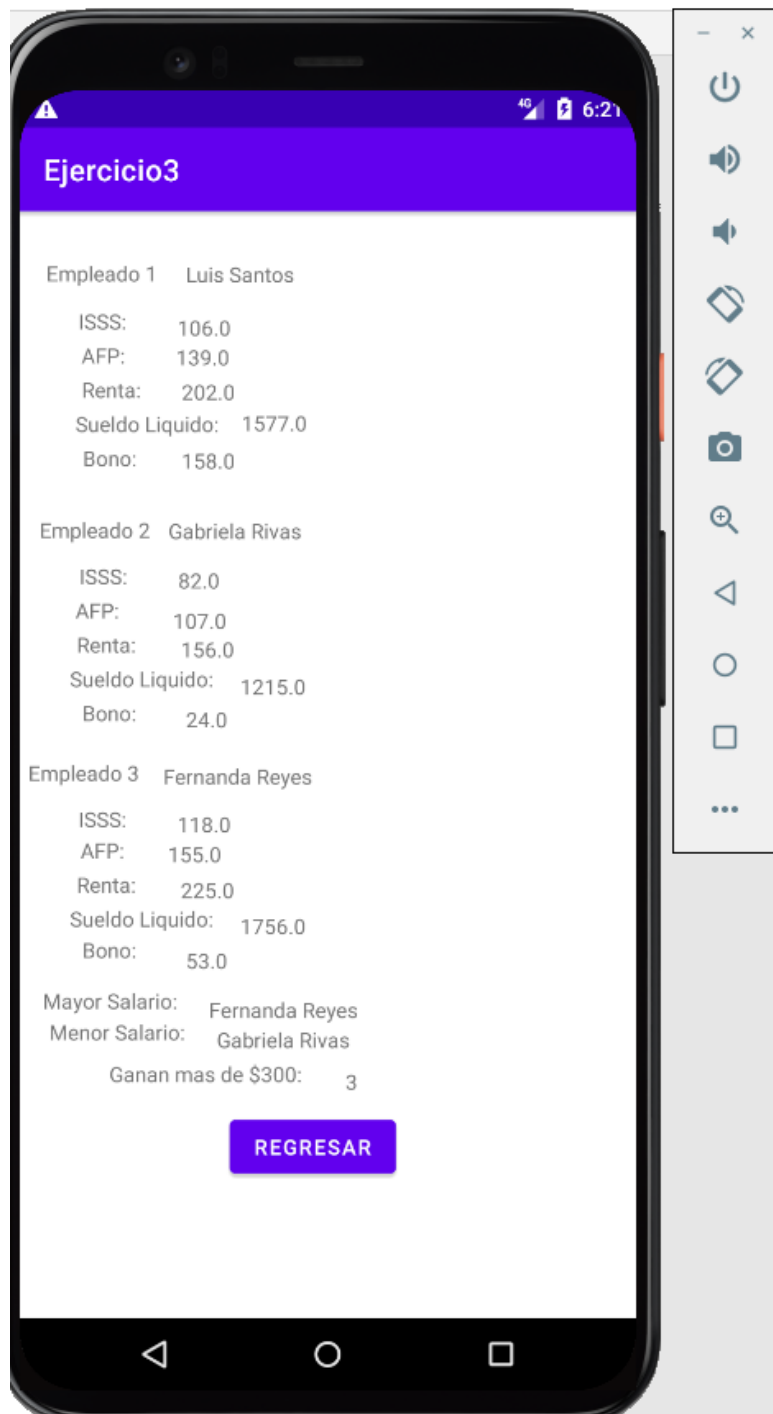
Empleado 3

Fernanda Reyes

Secretaria

220

CALCULAR SALARIO



Ejemplo 3: Hora negativa o 0.

The screenshot shows a mobile application interface with a purple header bar labeled "Ejercicio3". The status bar at the top indicates 4G connectivity, battery level, and the time 6:22. The app displays a list of three employees, each with input fields for their name, position, and a numerical value. The values entered are 200 for Luis Santos, 0 for Gabriela Rivas, and 220 for Fernanda Reyes. A purple button labeled "CALCULAR SALARIO" is positioned at the bottom of the form. The app is running on an Android device, as evidenced by the navigation bar at the bottom and the system UI on the right.

Empleado	Nombre	Cargo	Valor
Empleado 1	Luis Santos	Gerente	200
Empleado 2	Gabriela Rivas	Administradora	0
Empleado 3	Fernanda Reyes	Secretaria	220

CALCULAR SALARIO

