

UNIVERSIDAD DON BOSCO



FACULTAD DE INGENIERÍA ESCUELA DE COMPUTACIÓN

Desarrollo de Software para Móviles
DSM G05L

Desafío #1

Docente:

Alexander Alberto Sigüenza Campos

Alumno:

Jorge Mira Flores **MF232232**

Desafío #1:

Cada ejercicio tiene su rama propia en el repositorio. La rama **main** no contiene un ejercicio funcional, porque tenía un error.

Link del repositorio: <https://github.com/JorgeMiraFlores/Desafio1-DSM>

Link del video: https://youtu.be/OjNliZQ_ISY

Ejercicio #1

The screenshot shows a mobile application interface with a light purple background. At the top, there is a status bar with the time 1:21 and icons for signal, Wi-Fi, and battery. Below the status bar, the name "Jorge Flores" is entered in a text field. Underneath, there are five more text fields containing the numbers 10, 10, 10, 9, and 9. A purple button with the text "Calcular Promedio" is centered below these fields. At the bottom of the screen, the following text is displayed: "Estudiante: Jorge Flores", "Nota Final: 9.50", and "Estado: Aprobado". The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps buttons.

1:21

Jorge Flores

10

10

10

9


9

Calcular Promedio

Estudiante: Jorge Flores
Nota Final: 9.50
Estado: Aprobado

Ejercicio #2

Suma:



The image shows a mobile application interface for performing a sum. At the top, there is a status bar with the time 1:24 and various icons. Below the status bar, the app has a light purple background. There are two input fields: the first contains the number '100' and the second contains the number '2'. Below these fields is a dropdown menu labeled 'Suma' with a downward arrow. A large, rounded purple button labeled 'Calcular' is positioned below the dropdown. Underneath the button, the text 'Resultado: 102.0' is displayed. At the bottom of the screen, there is a numeric keypad with digits 1 through 9, 0, a comma, and a period. Additionally, there are icons for subtraction, multiplication, division, and a green checkmark button.

100

2

Suma

Calcular

Resultado: 102.0

1 2 3 -

4 5 6 ÷

7 8 9 ×

, 0 . ✓

Resta

11:25

100

2

Resta

Calcular

Resultado: 98.0

1	2	3	-
4	5	6	=
7	8	9	✕
,	0	.	✓

Multiplicación

11:25

100

2

Resta

▼

Calcular

Resultado: 98.0

1

2

3

-

4

5

6

=

7

8

9

✕

,

0

.

✓

División

100

2

División ▼

Calcular

Resultado: 50.0

1	2	3	-
4	5	6	=
7	8	9	✕
,	0	.	✓

Ejercicio #3

The screenshot shows a mobile application interface with a light pink background. At the top, there is a status bar with the time 11:20 and various icons. Below the status bar, there are two input fields. The first field contains the text "Jorge Mira" and the second field contains the number "120". Below these fields is a large, rounded purple button with the text "Calcular" in white. Underneath the button, the calculated results are displayed in a list format. At the bottom of the screen, there is a virtual keyboard with rows of numbers, letters, and symbols, and a green back arrow button.

11:20

Jorge Mira

120

Calcular

Empleado: Jorge Mira
Salario Base: \$120.00
AFP (7.25%): \$8.70
ISSS (3%): \$3.60
Renta: \$0.00
Salario Neto: \$107.70

1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
a s d f g h j k l
↑ z x c v b n m ✕
?123 , . ↩