



Universidad Don Bosco  
Facultad de ingeniería

## DESARROLLO DE APLICACIONES MOVILES

Actividad:

Desafío 01

Integrantes:

José Rolando Álvarez Mejía AM232553

Diego Enrique Canjura Estrada CE221950

Enlace:

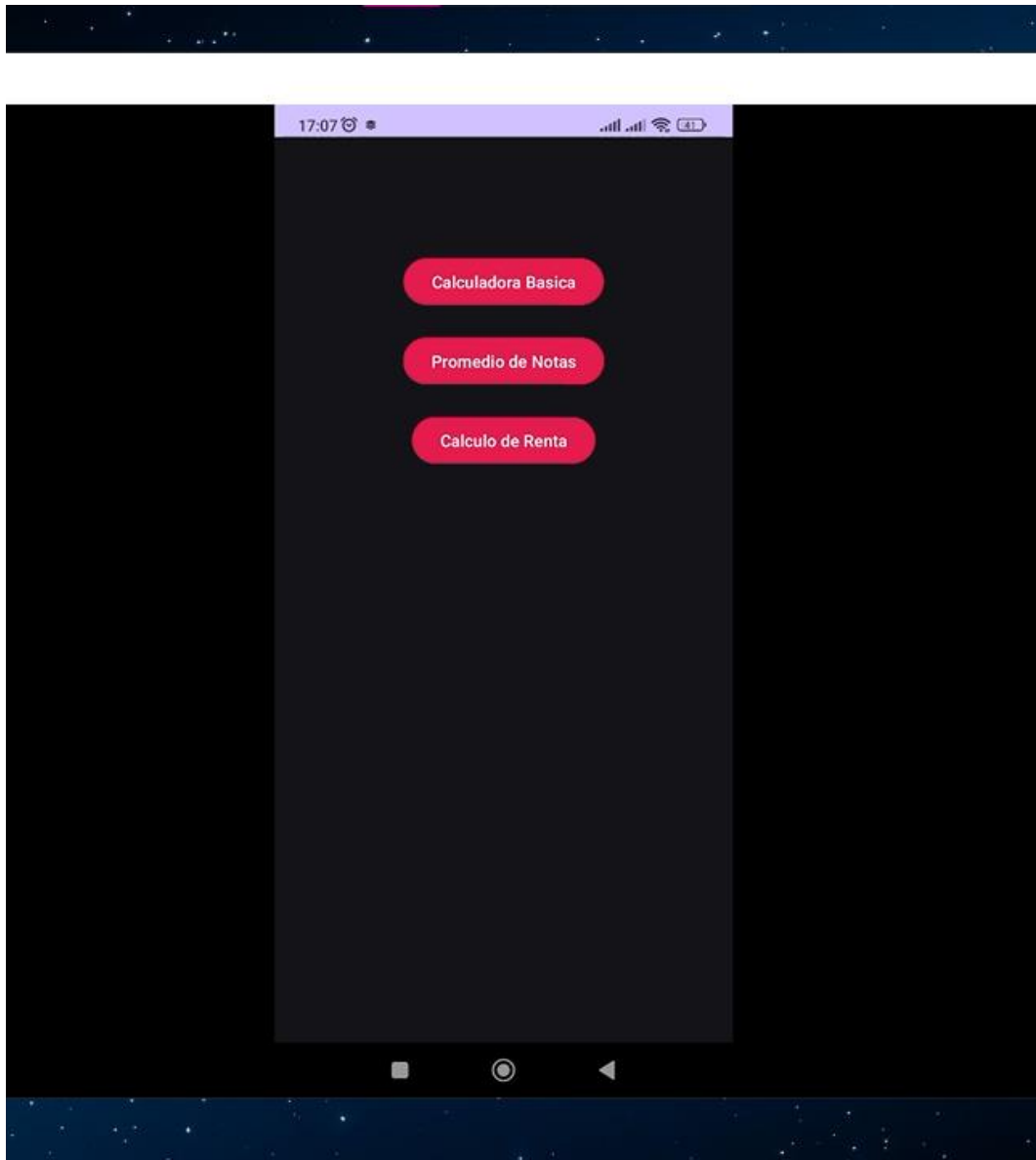
[https://github.com/Josepo616/DSM\\_Desafio01](https://github.com/Josepo616/DSM_Desafio01)

<https://drive.google.com/file/d/1I9QDFXBAZQesp-Es9ujuVUturSqo1CjY/view?usp=sharing>

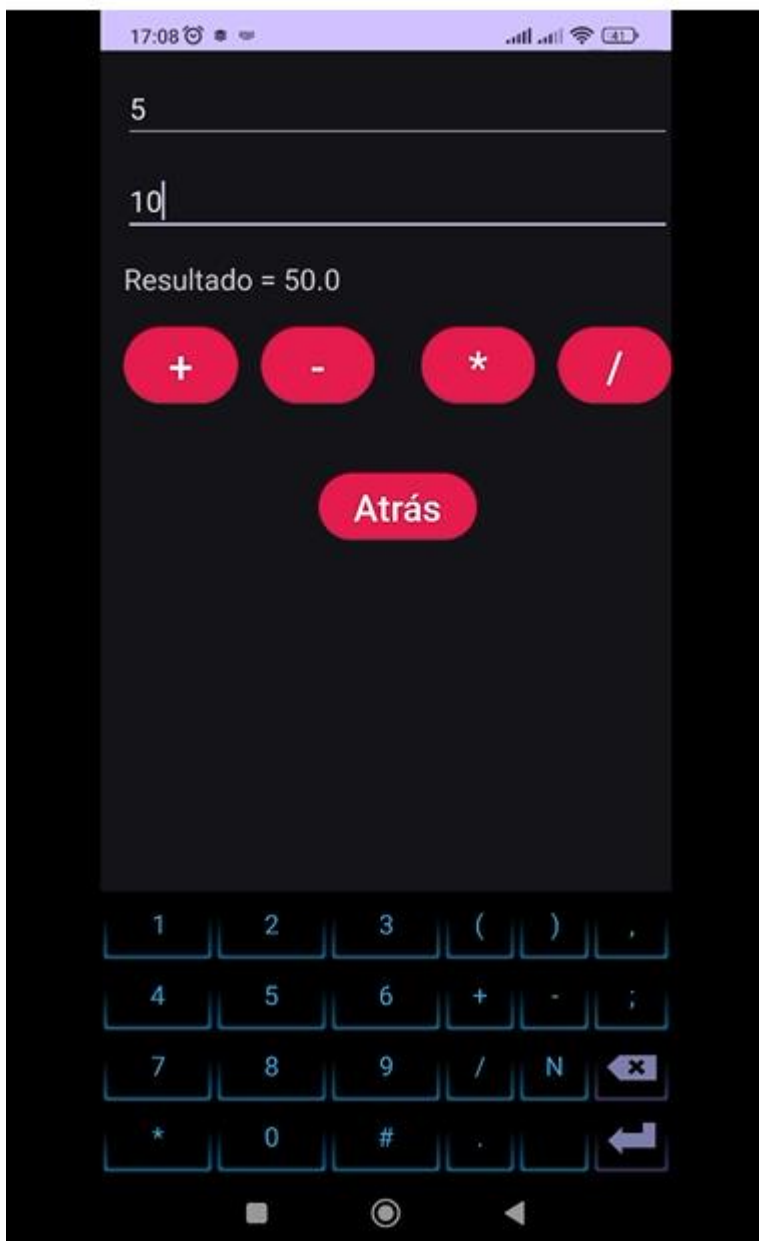
Fecha de entrega:

10 de Agosto de 2024

Pantalla inicial donde se pueden apreciar diferentes botones que nos llevarán a dicha acción



Pantalla para una Calculadora básica en la cual se efectuá la multiplicación



Pantalla para el calculo de un promedio estudiantil basado en porcentajes establecidos internamente, con su respectivo mensaje de aprobado o reprobado

The screenshot shows a mobile application interface for calculating a student's average grade. At the top, the status bar displays the time 17:08, signal strength, Wi-Fi, and battery level at 41%. The app's background is dark grey. The input section consists of five horizontal white lines. The first line contains the name 'José'. The subsequent lines contain the values 9, 6, 8, 10, and 5. Below the input fields, a message states: 'El promedio para el estudiante José es: 7.6 (aprobado)'. A prominent red button with the text 'Calcular Promedio' is positioned below the message. At the bottom of the screen, a numeric keypad is visible, featuring buttons for digits 1-9, 0, and symbols for parentheses, plus/minus, multiplication/division, and a backspace arrow. The bottom of the screen also shows the standard Android navigation bar with back, home, and recent apps icons.

Input	Value
Student Name	José
Grade 1	9
Grade 2	6
Grade 3	8
Grade 4	10
Grade 5	5

El promedio para el estudiante José es: 7.6 (aprobado)

**Calcular Promedio**

1 2 3 ( ) ,  
4 5 6 + - ;  
7 8 9 / N x  
\* 0 # . ←

Pantalla para el calculo de la renta y otros descuentos de empleados que se manejan internamente en el código

The screenshot shows a mobile application interface with a dark background. At the top, there is a status bar with the time 17:09, signal strength, Wi-Fi, and battery icons. Below the status bar, there are two input fields. The first field contains the name "José". The second field contains the number "550". Below these fields is a red button labeled "Calcular". Under the button, the following information is displayed: "Empleado: José", "Salario Base: 550.00", "Renta: 19.83", "AFP: 39.88", "ISSS: 16.50", and "Salario Neto: 473.79". Below this information is another red button labeled "Atrás". At the bottom of the screen, there is a numeric keypad with buttons for digits 1-9, 0, \*, #, and symbols for parentheses, plus/minus, forward slash, and a backspace arrow. The bottom of the screen also shows the standard Android navigation bar with back, home, and recent apps icons.

17:09

José

550

Calcular

Empleado: José  
Salario Base: 550.00  
Renta: 19.83  
AFP: 39.88  
ISSS: 16.50  
Salario Neto: 473.79

Atrás

1 2 3 ( ) ,  
4 5 6 + - ;  
7 8 9 / N x  
\* 0 # . ←