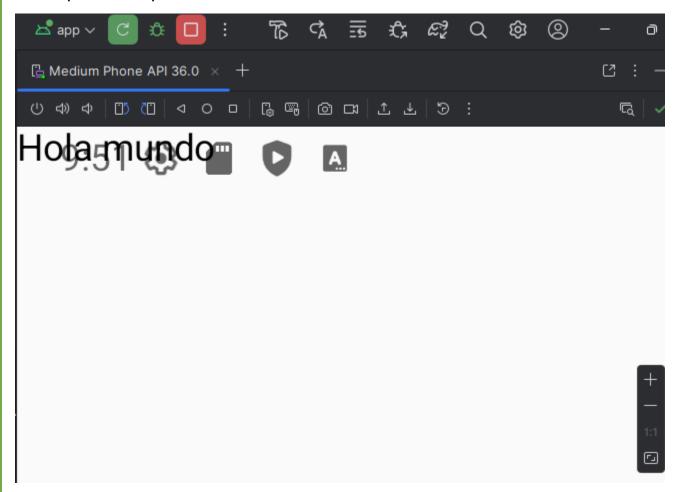
Practicas

1.- Jetpack Compose



2.- Funciones Column y Row

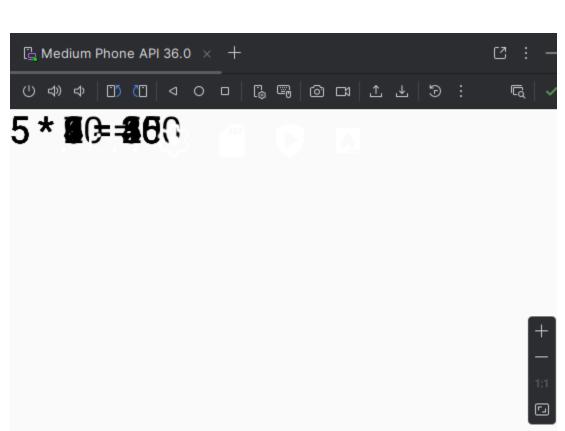
Compose2

```
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.material3.Text
import androidx.compose.runtime.Composable

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            TablaMultiplicar(tabla = 5)
        }
    }
}

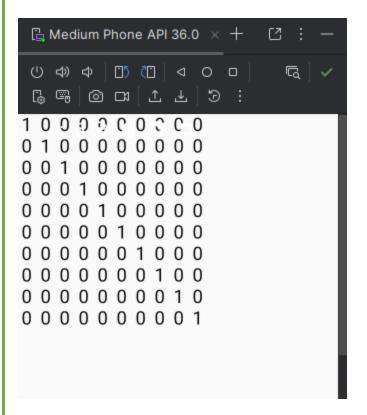
@Composable
fun TablaMultiplicar(tabla:Int) {
    for (x in 1..10) {
        Text(text = "$tabla * $x = ${tabla * x}")
```

```
Shania Kinnereth Diaz Moya 3701
}
```



```
C :
□ Medium Phone API 36.0 × +
© ∣
5*1=5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50
                                                 1:1
```

Compose3



3. Listas estáticas de datos (LazyColumn y LazyRow)

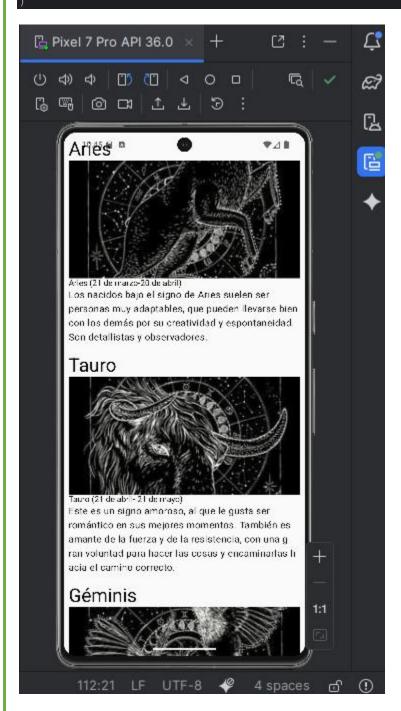
```
Shania Kinnereth Diaz Moya 3701
        modifier = Modifier
    Signo(
cosas y encaminarlas h acia el camino correcto.", R.drawable.tauro
        R.drawable.geminis
    Signo(
```

```
Shania Kinnereth Diaz Moya 3701
        R.drawable.cancer
    Signo(
    Signo(
        R.drawable.virgo
        R.drawable.libra
    Signo(
    Signo(
        R.drawable.sagitario
        R.drawable.acuario
```

```
"Piscis (19 de febrero-20 de marzo)",

"La honestidad puede llegar a ser una de s us mejores cualidades. Manejan un carácter tranqui lo, muy alivianado y consolador. Creen en los demás, aunque eso les pueda acarrear alguna dificultad al ser mal pagados.",

R.drawable.piscis
)
```



4. Entrada de textos (TextField, OutlinedTextField y Button) - administración de estados

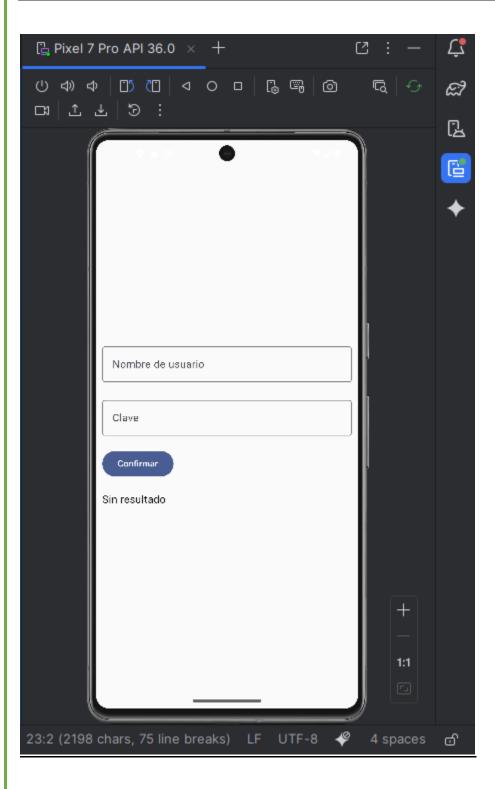
```
package com.tesji.compose7
import android.os.Bundle
```

Shania Kinnereth Diaz Moya 3701 import androidx.activity.ComponentActivity import androidx.activity.compose.setContent import androidx.compose.foundation.layout.* import androidx.compose.material3.* import androidx.compose.runtime.* import androidx.compose.ui.Modifier class MainActivity : ComponentActivity() { override fun onCreate(savedInstanceState: Bundle?) { super.onCreate(savedInstanceState) modifier = Modifier.fillMaxSize(), var clave by remember { mutableStateOf("") } var resultado by remember { mutableStateOf("Sin resultado") } onValueChange = { usuario = it }, value = clave, onValueChange = { clave = it }, label = { Text("Clave") }, modifier = Modifier visualTransformation = PasswordVisualTransformation()

if (usuario.isEmpty())

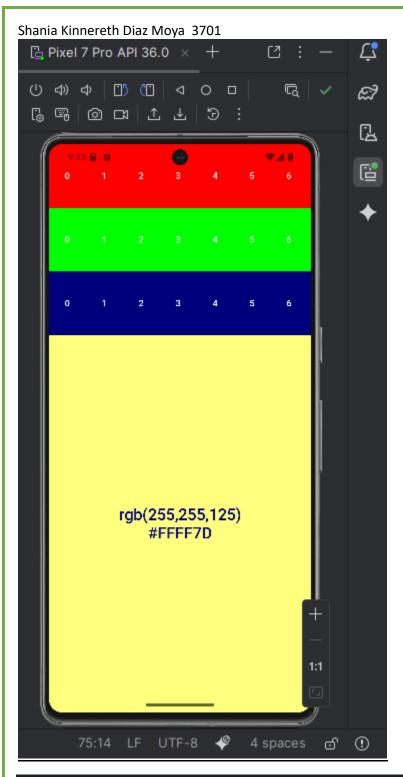
modifier = Modifier.padding(10.dp)

},



```
package com.tesji.compose7b
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.activity.enableEdgeToEdge
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.padding
import androidx.compose.material3.Scaffold
import androidx.compose.material3.Text
import androidx.compose.ui.Modifier
import androidx.compose.ui.tooling.preview.Preview
import com.tesji.compose7b.ui.theme.Compose7bTheme
import androidx.compose.foundation.layout.*
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.foundation.text.selection.SelectionContainer
import androidx.compose.material3.Button
import androidx.compose.material3.ButtonDefaults
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
    var verde by remember { mutableStateOf(255) }
            items(256) { indice ->
                    shape = RoundedCornerShape(0),
                    modifier = Modifier.height(100.dp),
                    },
                    colors = ButtonDefaults.textButtonColors(
```

```
items(256) { indice ->Button(
    shape = RoundedCornerShape(0),
items(256) { indice ->
        shape = RoundedCornerShape(0),
        onClick = { azul = indice },
shape = RoundedCornerShape(0),
onClick = {},
            modifier = Modifier.fillMaxWidth(),
            text = "rgb($rojo,$verde,$azul)", fontSize = 25.sp,
            modifier = Modifier.fillMaxWidth(),
```



5. Mantener el estado en una función componible y elevar evento package com.tesji.compose9 import android.os.Bundle import androidx.activity.ComponentActivity import androidx.activity.compose.setContent import androidx.compose.foundation.Image import androidx.compose.foundation.background import androidx.compose.foundation.layout.* import androidx.compose.foundation.lazy.LazyColumn import androidx.compose.foundation.lazy.items import androidx.compose.material3.Checkbox import androidx.compose.material3.Divider import androidx.compose.material3.Text

```
Shania Kinnereth Diaz Moya 3701
import androidx.compose.runtime.*
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.saveable.rememberSaveable
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.unit.sp
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        Row(modifier = Modifier
            .padding(10.dp)) {
            modifier = Modifier
            items(productos) { producto ->
                    monto = monto + it
                })
    var selectionado by rememberSaveable { mutableStateOf(false) }
                seleccionado = it
                if (it)
                    seleccionProducto(producto.precio)
            modifier = Modifier.padding(10.dp),
            Text(text = "${producto.nombre} (${producto.precio})", fontSize = 20.sp)
```

null)

```
Shania Kinnereth Diaz Moya 3701
     Producto("I9", 70000, R.drawable.i7), Producto("I5", 50000, R.drawable.i5), Producto("I3", 35000, R.drawable.i3),
     Producto("Placa A", 46000, R.drawable.placa1), Producto("Placa B", 25000, R.drawable.placa2),
     Producto("Disco B", 12000, R.drawable.disco2),
Producto("Gabinete 1", 19000, R.drawable.gabinete1),
Producto("Gabinete 2", 25000, R.drawable.gabinete2)
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  □ Pixel 7 Pro API 36.0 × 十
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                                                         E)
  Presupuesto Act :155000
              19 (70000)
         \checkmark
                 intel.
                 core
              15 (50000)
         \checkmark
                (intel)
              13 (35000)
                intel.
                core
              Placa A (46000)
           94:2 LF UTF-8 🧳
                                       4 spaces ♂ ①
```