

Como no sé muy bien que es exactamente lo que hay que entregar, hago este pdf por si hubiese alguna confusión o incluso el proyecto de Android fallase.

Todos los @Composable tiene una preview preparada.

Ejercicio 1

Se encuentra en el archivo MainActivity.kt

```
//Ejercicio 1
@Composable
fun MyText(text: String, fontSize: TextUnit, color: Color, padding: PaddingValues){
    Text(
        text = text,
        modifier = Modifier.padding(padding),
        style = TextStyle(
            fontSize = fontSize,
            color = color
        )
    )
}
```

Preview:

TextPreview

Desarrollo de
interfaces!

Ejercicio 2

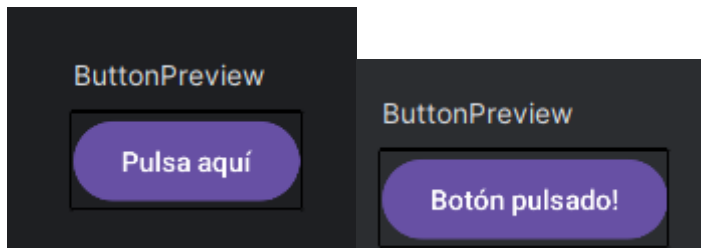
Se encuentran en los archivos:

components/MyButtonText.kt

components/MyButtonColor.kt

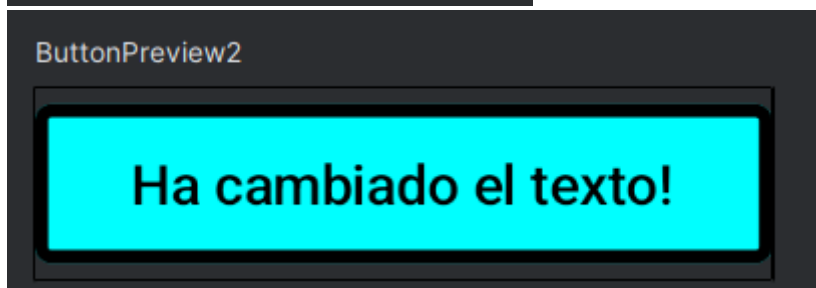
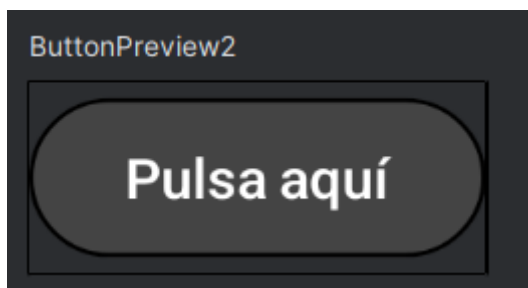
```
//Ejercicio 2.1
@Composable
fun MyButtonText(){
    var state by remember { mutableStateOf(false) }
    val buttonContentOnline = "Pulsa aquí"
    val buttonContentOffline = "Botón pulsado!"
    Column()
    {
        Button(
            onClick = { state = true }
        ) {
            Text(text = if (state) buttonContentOffline else buttonContentOnline)
        }
    }
}
```

Preview:



```
//Ejercicio 2.2
@Composable
fun MyButtonColor(content: String, color: Color) {
    var state by remember { mutableStateOf(false) }
    Column {
        Button(
            onClick = { state = true },
            colors = ButtonDefaults.buttonColors(
                contentColor = if (state) Color.Black else Color.White,
                containerColor = if (state) color else Color.DarkGray
            ),
            border = BorderStroke(if (state) 3.dp else 1.dp, Color.Black),
            shape = RoundedCornerShape(if (state) 4.dp else 20.dp)
        )
        {
            Text(text = if (state) content else "Pulsa aquí")
        }
    }
}
```

Preview:



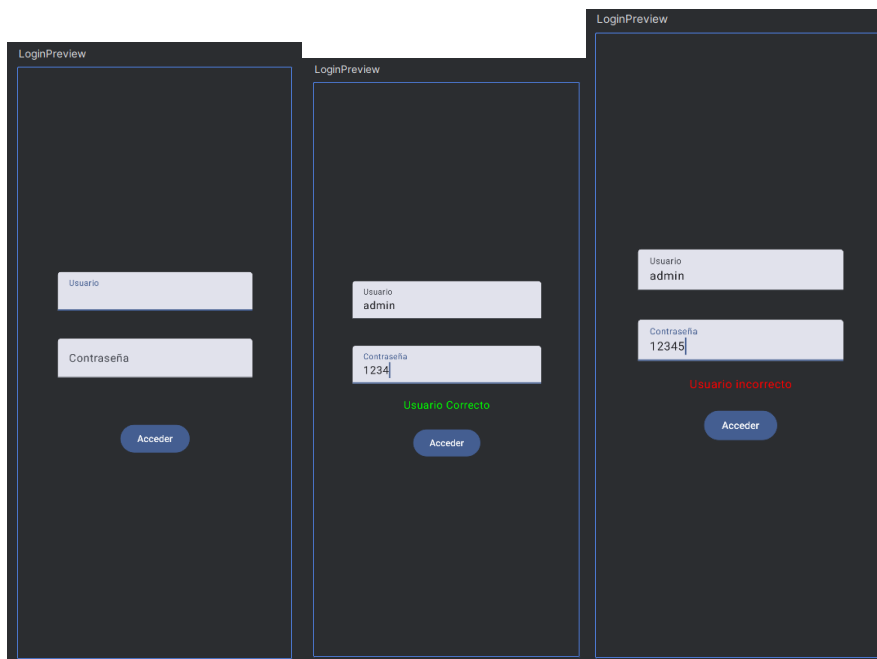
Ejercicio 3

Se encuentra en Ejercicio3.kt

```
//Ejercicio3
@Composable
fun Login(modifier: Modifier) {
    var textToShow by remember { mutableStateOf("") }
    var user by remember { mutableStateOf("") }
    var password by remember { mutableStateOf("") }
    var color by remember { mutableStateOf(Color.Unspecified)}
    Box(modifier.fillMaxSize()) {
        Column(modifier.align(Alignment.Center)) {
            TextField(value = user, onValueChange = { user = it }, label = { Text("Usuario") })
            Spacer(modifier = Modifier.height(40.dp))
            TextField(value = password, onValueChange = { password = it }, label = { Text("Contraseña") })
        })

        Spacer(modifier = Modifier.height(20.dp))
        Text(textToShow, color = color, modifier = Modifier.align(Alignment.CenterHorizontally))
        Spacer(modifier = Modifier.height(20.dp))
        Button(
            modifier = Modifier.align(Alignment.CenterHorizontally),
            onClick = {
                if (user == "admin" && password == "1234") {
                    textToShow = "Usuario Correcto"
                    color = Color.Green
                } else {
                    textToShow = "Usuario incorrecto"
                    color = Color.Red
                }
            }
        ) {
            Text("Acceder")
        }
    }
}
```

Preview



Ejercicio 4

Se encuentra en components/Screen.kt

```
@Composable
fun Screen(modifier: Modifier) {
    var name by remember { mutableStateOf("") }
    var email by remember { mutableStateOf("") }
    var dir by remember { mutableStateOf("") }
    var country by remember { mutableStateOf("") }
    var buttonName by remember { mutableStateOf("") }
    var buttonEmail by remember { mutableStateOf("") }
    var buttonDir by remember { mutableStateOf("") }
    var buttonCountry by remember { mutableStateOf("") }
    Column(modifier.fillMaxSize()) {
        Box(
            Modifier.fillMaxWidth().weight(0.15f).background(Color.Black),
            contentAlignment = Alignment.Center
        ) {
            Text("Screen", color = Color.White, textAlign = TextAlign.Center, fontSize = 30.sp)
        }
        Column(modifier.fillMaxWidth().background(Color.LightGray))
        {
            Spacer(modifier.height(10.dp))
            Row(modifier.horizontalScroll(rememberScrollState())) {
                repeat(10) {
                    Box(
                        Modifier.width(60.dp).height(60.dp)
                            .background(Color.Gray, shape = RoundedCornerShape(90))
                    )
                    Spacer(modifier.width(20.dp))
                }
            }
            Spacer(modifier.height(10.dp))
        }
        Column(modifier.fillMaxWidth().weight(1f).background(Color.White)) {
            Row(modifier.fillMaxSize().weight(0.5f).background(Color.White)){
                Box(modifier.padding(20.dp).fillMaxSize().weight(1f).background(Color.Cyan, shape =
                    RoundedCornerShape(5)))

                Box(modifier.fillMaxSize().weight(1f).background(Color.White).verticalScroll(rememberScrollState())) {
                    Text(lorem, modifier.padding(15.dp))
                }
                Box(modifier.fillMaxSize().weight(1f).background(Color.White)) {
                    Column {
                        Spacer(modifier.height(10.dp))
                        Text("Formulario", fontSize = 30.sp, textAlign = TextAlign.Center, modifier =
                            Modifier.FillMaxWidth())
                        Spacer(modifier.height(10.dp))
                        Row {
                            TextField(value = name, onValueChange = { name = it }, label = { Text("Nombre")
                                }, modifier = Modifier.weight(1f))
                            Text(buttonName, textAlign = TextAlign.Center, modifier =
                                Modifier.weight(1f).align(Alignment.CenterVertically))
                        }
                        Spacer(modifier.height(10.dp))
                        Row {
                            TextField(value = email, onValueChange = { email = it }, label = {
                                Text("Email") }, modifier = Modifier.weight(1f))
                            Text(buttonEmail, textAlign = TextAlign.Center, modifier =
                                Modifier.weight(1f).align(Alignment.CenterVertically))
                        }
                        Spacer(modifier.height(10.dp))
                        Row {
                            TextField(value = dir, onValueChange = { dir = it }, label = {
                                Text("Dirección") }, modifier = Modifier.weight(1f))
                            Text(buttonDir, textAlign = TextAlign.Center, modifier =
                                Modifier.weight(1f).align(Alignment.CenterVertically))
                        }
                        Spacer(modifier.height(10.dp))
                        Row {
                            TextField(value = country, onValueChange = { country = it }, label = {
                                Text("País") }, modifier = Modifier.weight(1f))
                            Text(buttonCountry, textAlign = TextAlign.Center, modifier =
                                Modifier.weight(1f).align(Alignment.CenterVertically))
                        }
                        Spacer(modifier.height(10.dp))
                        Button(
                            onClick = {
                                buttonName = name
                                buttonEmail = email
                                buttonDir = dir
                                buttonCountry = country
                            },
                            modifier = Modifier.align(Alignment.CenterHorizontally)
                        ) { Text("Actualizar") }
                    }
                }
            }
        }
    }
}
```

Preview

PreviewScreen

Screen

Lorem ipsum odor amet, consectetur adipiscing elit. Eleifend proin faucibus pretium cubilia in sapien ut at? Vitae etiam dignissim lobortis curabitur morbi consectetur; pretium facilisis placerat. Sodales tellus condimentum cras morbi diam amet? Varius maecenas parturient lacus eros feugiat nulla per eros. Purus vivamus

Formulario

Nombre

Email

Dirección

País

Actualizar

PreviewScreen

Screen

feugiat. Quis morbi suscipit ipsum ex nostra. Magna feugiat platea fusce nec justo nibh. Mi aptent netus mauris nibh congue a sem.

Sem taciti cubilia nulla porttitor venenatis cubilia scelerisque maximus pellentesque. Sociosqu maecenas eleifend neque placerat parturient class porta maximus. Mauris

Formulario

Nombre
Angel

Email
angcamric@alu.edu.gva.es

Dirección
calle inventada numero 1

País
País de prueba

Actualizar

Angel

angcamric@alu.edu.gva.es

calle inventada numero 1

País de prueba