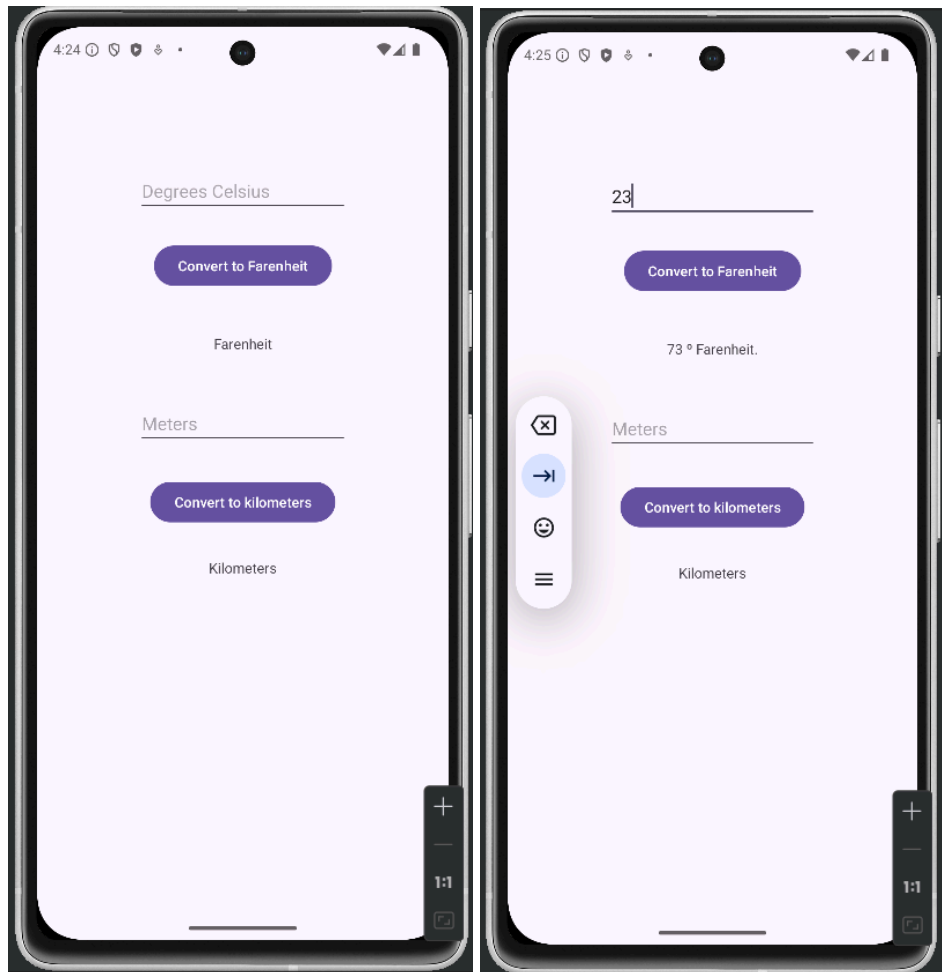
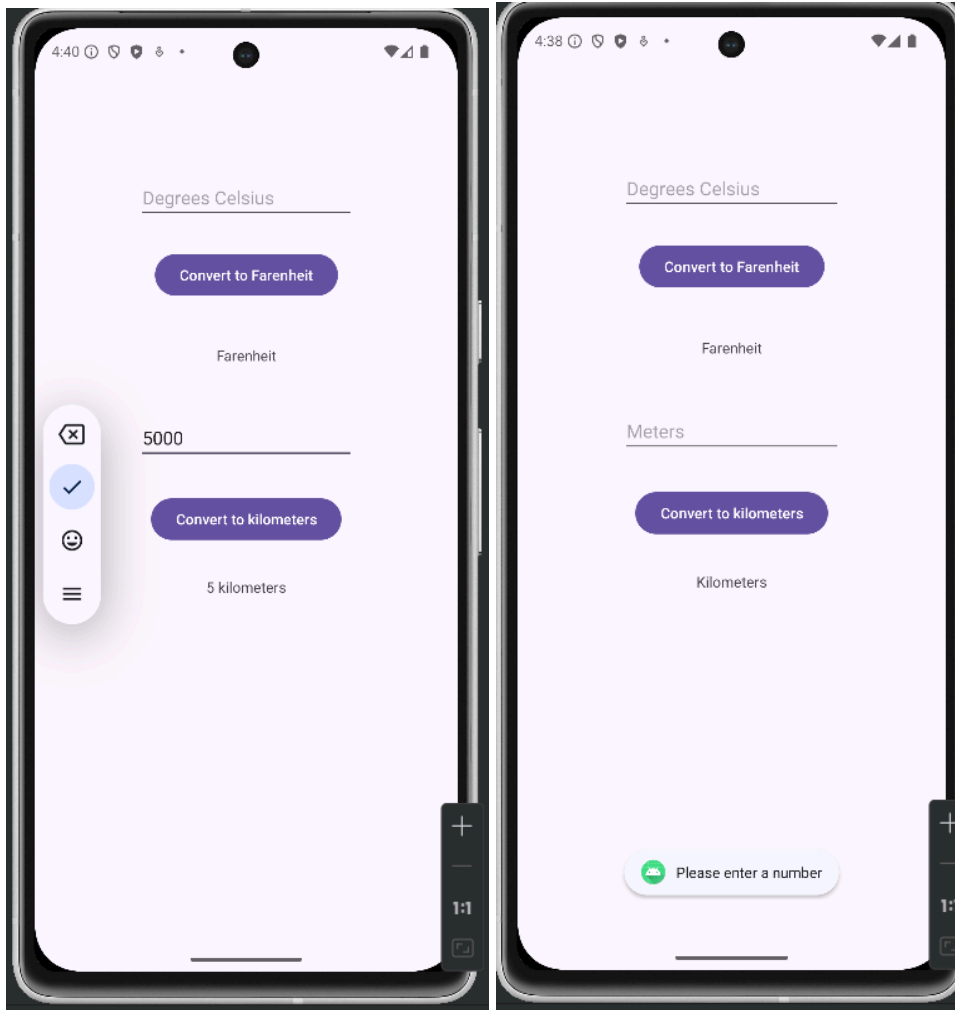
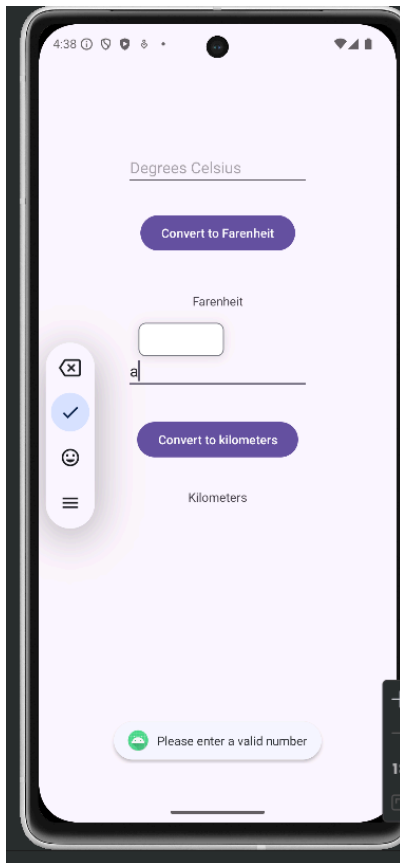


## Tarea individual 5 - Conversor de unidades



Los botones actúan por separado. He introducido hints y he controlado que los EditText no estén vacíos, y que contengan números.





Código:

```
public class MainActivity extends AppCompatActivity {

    private Button btnCG, btnCK; 2 usages
    private EditText etGrados, etMetros; 2 usages
    private TextView tvFar, tvKil; 2 usages

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable( $this$enableEdgeToEdge: this);
        setContentView(R.layout.activity_main);
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v, insets) -> {
            Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);
            return insets;
        });

        etGrados = findViewById(R.id.etGrados);
        etMetros = findViewById(R.id.etMetros);
        tvFar = findViewById(R.id.tvFar);
        tvKil = findViewById(R.id.tvKil);

        btnCG = findViewById(R.id.btnCG);
        btnCG.setOnClickListener(new View.OnClickListener(){
            @Override
            public void onClick(View v){
```

```

43 String degrees = etGrados.getText().toString().trim();
44
45 if(!degrees.isEmpty()){
46     try {
47         int degreesI = Integer.parseInt(degrees);
48         int fahrenheit = (degreesI * 9/5) + 32;
49         tvFar.setText(fahrenheit + " ° Fahrenheit");
50     } catch (NumberFormatException e) {
51         Toast.makeText(context: MainActivity.this, text: "Please enter a valid number", Toast.LENGTH_SHORT);
52     }
53 } else {
54     Toast.makeText(context: MainActivity.this, text: "Please enter a number", Toast.LENGTH_SHORT);
55 }
56 }
57 });
58

```

```

59 btnCK = findViewById(R.id.btnCK);
60 btnCK.setOnClickListener(new View.OnClickListener(){
61     @Override
62     public void onClick(View v){
63         String meters = etMetros.getText().toString().trim();
64         if(!meters.isEmpty()){
65             try {
66                 int metersI = Integer.parseInt(meters);
67                 int kilometers = metersI / 1000;
68                 tvKil.setText(kilometers + " kilometers");
69             } catch (NumberFormatException e) {
70                 Toast.makeText(context: MainActivity.this, text: "Please enter a valid number", Toast.LENGTH_SHORT);
71             }
72         } else {
73             Toast.makeText(context: MainActivity.this, text: "Please enter a number", Toast.LENGTH_SHORT);
74         }
75     }
76 });
77 }
78

```