

EJECUTABLE RETO 1 SESION 4

The image shows a screenshot of an IDE with the following components:

- EXPLORER:** Shows a project structure for 'SESION 4' containing 'RETO 1 S4'. Inside 'RETO 1 S4', there are files 'Factura.class', 'Factura.java' (selected), 'Main.class', and 'Main.java'.
- Editor:** Displays the source code for 'Factura.java'. The code defines a 'Factura' class with private attributes 'folio', 'cliente', and 'total'. It includes a constructor, and overrides 'toString()', 'equals()', and 'hashCode()' methods.
- Terminal:** Shows the command prompt output for running the program. The commands executed are 'javac Factura.java Main.java' and 'java Main'. The output shows two 'Factura' objects with different values and a confirmation that they are equal.

```
1  import java.util.Objects;
2
3  public class Factura {
4      private String folio;
5      private String cliente;
6      private double total;
7
8      public Factura(String folio, String cliente, double total) {
9          this.folio = folio;
10         this.cliente = cliente;
11         this.total = total;
12     }
13
14     @Override
15     public String toString() {
16         return "Factura [folio=" + folio + ", cliente=" + cliente + ", total=$" + total + "]\n";
17     }
18
19     @Override
20     public boolean equals(Object obj) {
21         if (this == obj) return true;
22         if (obj == null || getClass() != obj.getClass()) return false;
23         Factura factura = (Factura) obj;
24         return folio.equals(factura.folio);
25     }
26
27     @Override
28     public int hashCode() {
29         return Objects.hash(folio);
30     }
31 }
32
```

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\diana\Desktop\SESION 4\RETO 1 S4> javac Factura.java Main.java
>> java Main
Factura [folio=F123, cliente=Juan Pérez, total=$1500.0]
Factura [folio=F123, cliente=Ana Martínez, total=$2000.0]
Las facturas son iguales.
PS C:\Users\diana\Desktop\SESION 4\RETO 1 S4>
```

> OUTLINE
> TIMELINE
> JAVA PROJECTS