



UNIVERSIDAD TECNOLÓGICA DE PANAMÁ FACULTAD DE INGENIERÍA DE SISTEMAS

COMPUTACIONALES

LICENCIATURA EN CIBERSEGURIDAD

PROGRAMACIÓN I

LABORATORIO PRÁCTICO 2

PREPARADO POR:

GUERRERO STEFANY, 4-833-2081

A CONSIDERACIÓN DE

NAPOLEÓN IBARRA

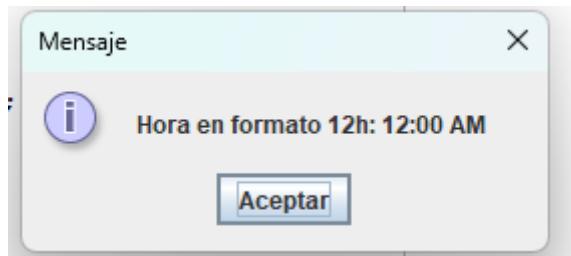
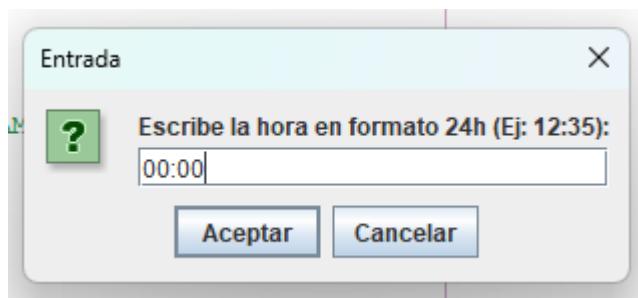
GRUPO:

2S3111

II SEMESTRE

2025

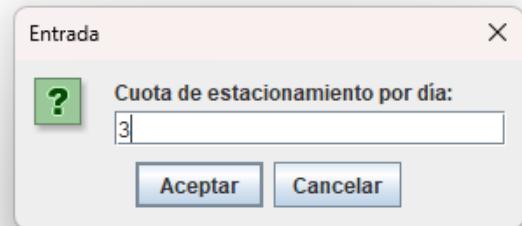
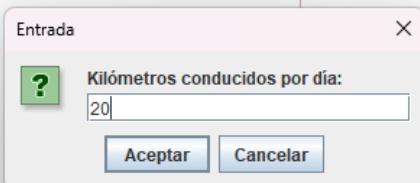
Problema 1



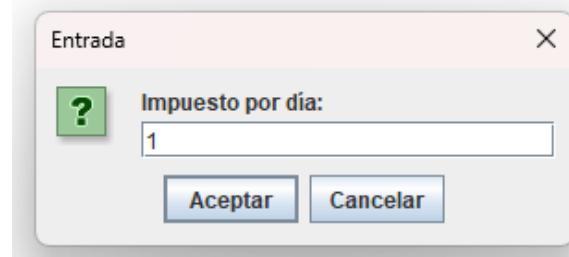
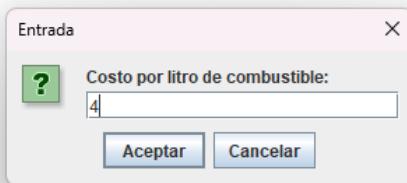
Problema 2

```
:ing.format("Costo diario: B/. %.2f\nAhorro posible:
```

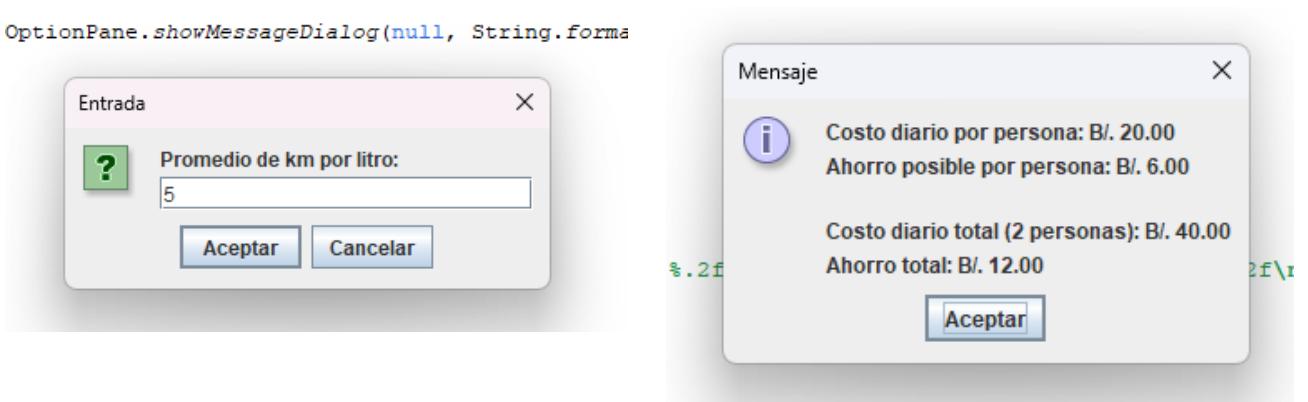
```
JOptionPane.showMessageDialog(null, String.form
```



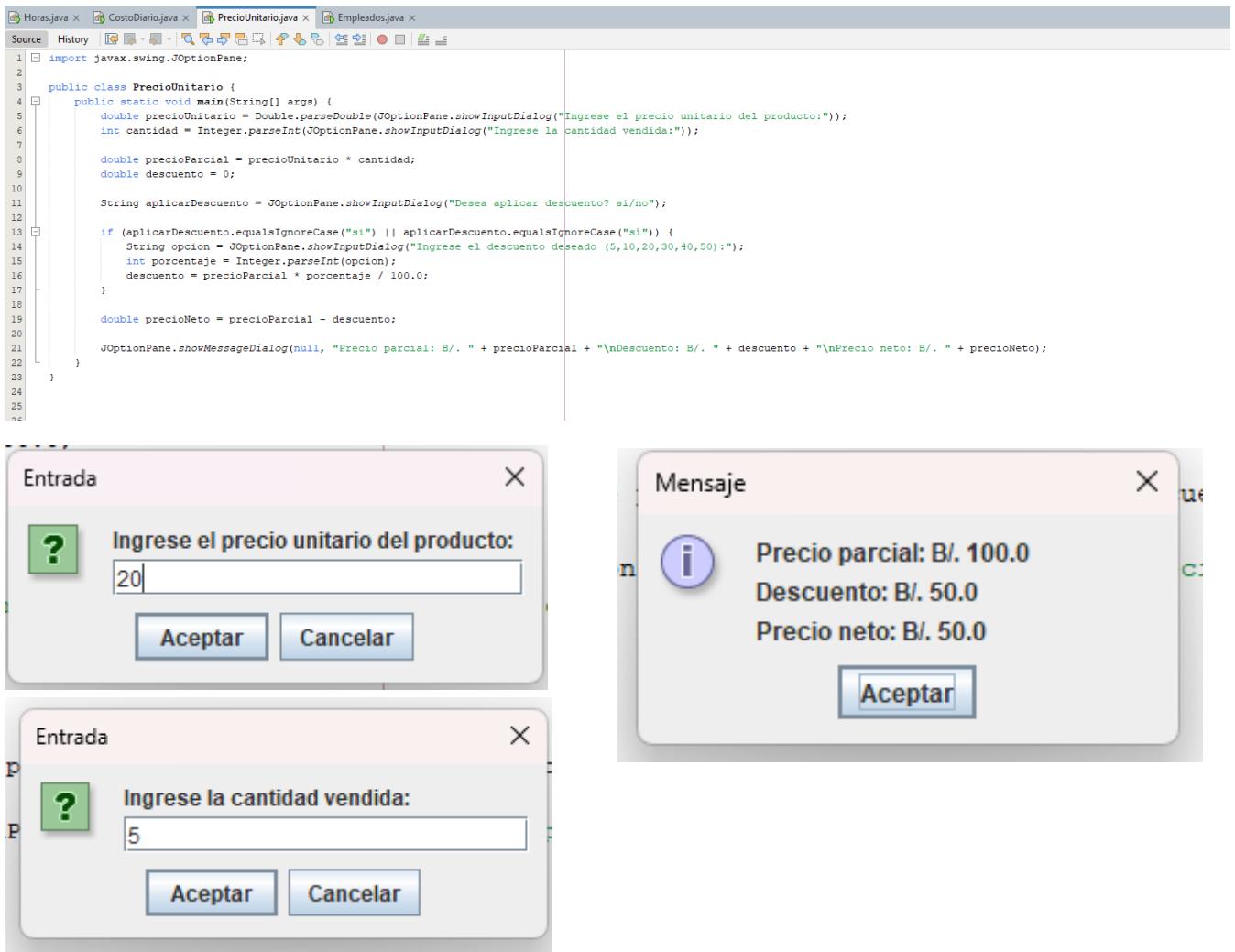
```
JOptionPane.showMessageDialog(null, String.format("Cost
```

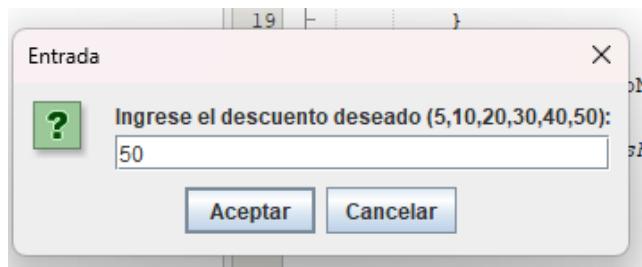
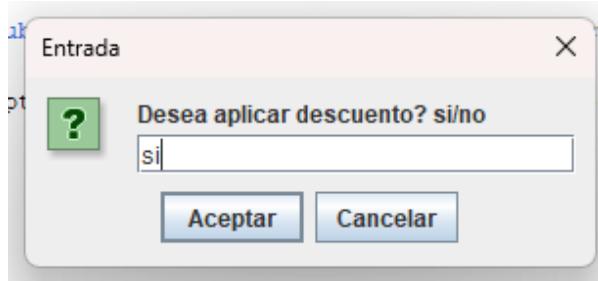


```
OptionPane.showMessageDialog(null, String.forma
```



Problema 3



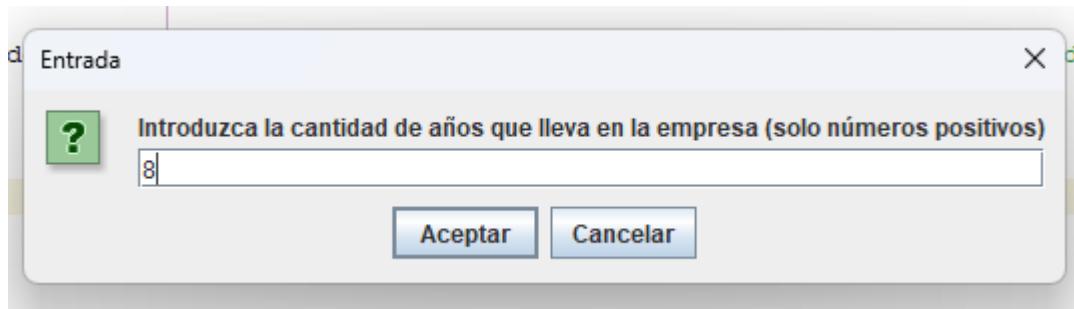


Problema 4

```

1 package empleados;
2 import javax.swing.JOptionPane;
3
4 public class Empleados {
5     public static void main(String[] args) {
6         double sueldoAnual = 13000.00;
7
8         int anios = 0;
9         while (anios <= 0) {
10             anios = Integer.parseInt(JOptionPane.showInputDialog("Introduzca la cantidad de años que lleva en la empresa (solo números positivos)"));
11             if (anios <= 0) {
12                 JOptionPane.showMessageDialog(null, "Error: Debe ingresar un número mayor que 0.");
13             }
14         }
15
16         double aumento = 0;
17
18         if (anios > 10) {
19             aumento = 0.15;
20         } else if (anios > 5) {
21             aumento = 0.10;
22         } else if (anios > 3) {
23             aumento = 0.08;
24         } else {
25             aumento = 0.05;
26         }
27
28         double sueldoConAumento = sueldoAnual + (sueldoAnual * aumento);
29         double liquiacion = (sueldoConAumento / 12) * anios;
30
31         JOptionPane.showMessageDialog(null, "Sueldo base: B/. " + sueldoAnual + "\nAumento aplicado: " + (aumento * 100) + "%" + "\nSueldo total: B/. " + sueldoConAumento + "\nLiquiación estimada: B/. " + String.format("%.2f", liquiacion));
}

```



Mensaje

X



Sueldo base: B/. 13000.0
Aumento aplicado: 10.0%
Sueldo total: B/. 14300.0
Liquidación estimada: B/. 9533.33

Aceptar