

The background is white and decorated with various tech-related icons in shades of purple, blue, and pink. These include a code editor window with a green cursor, a cloud, a USB drive, a Wi-Fi symbol, a smartphone, a laptop, a mouse with a pink cord, a monitor, a camera, a folder, a keyboard, and a mouse with a blue cord.

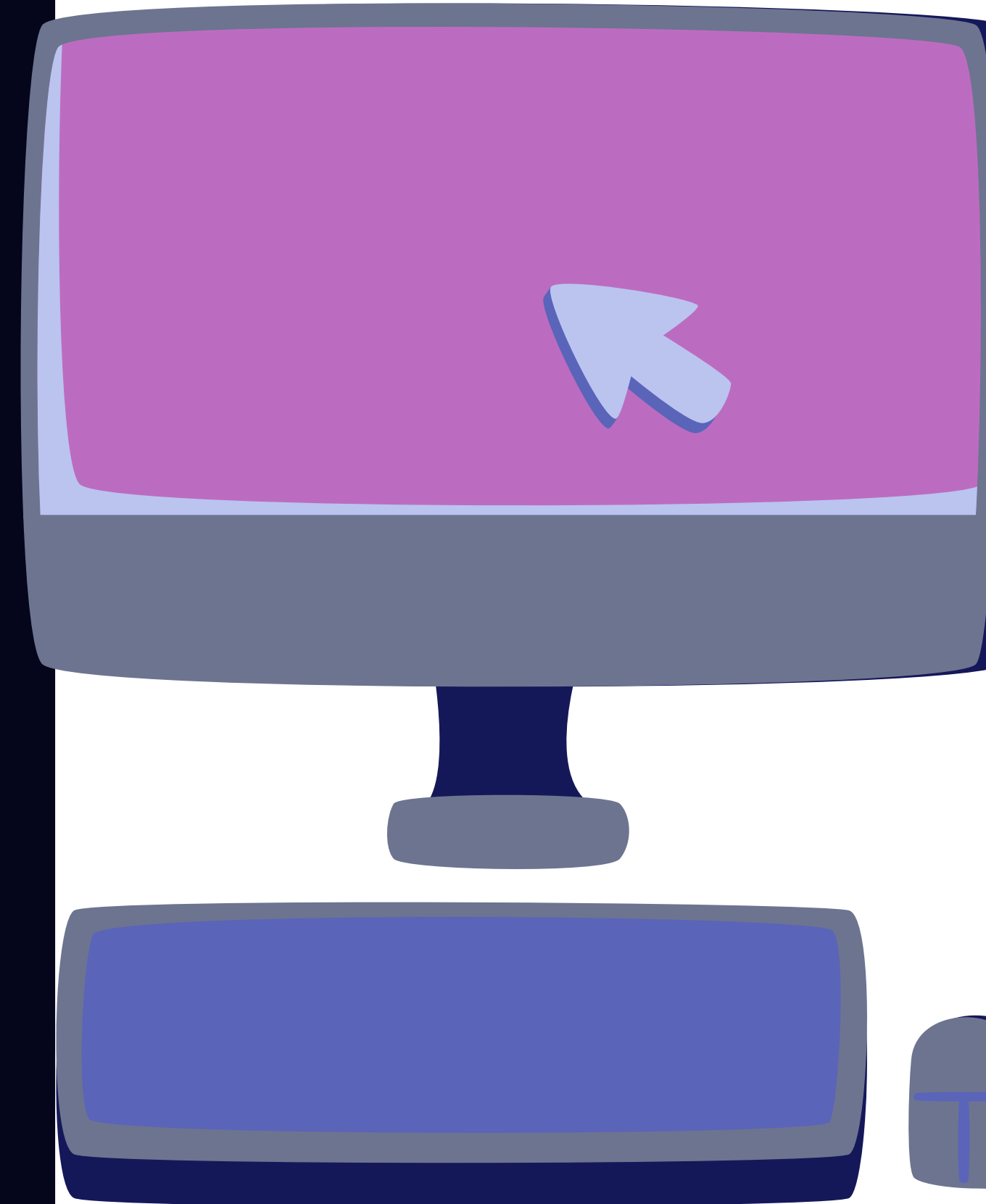
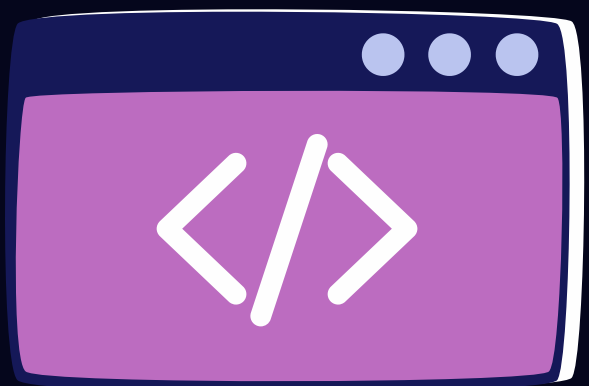
# TIPOS DE LENGUAJE

## Con estructura if

JHON EDINSON MARIN

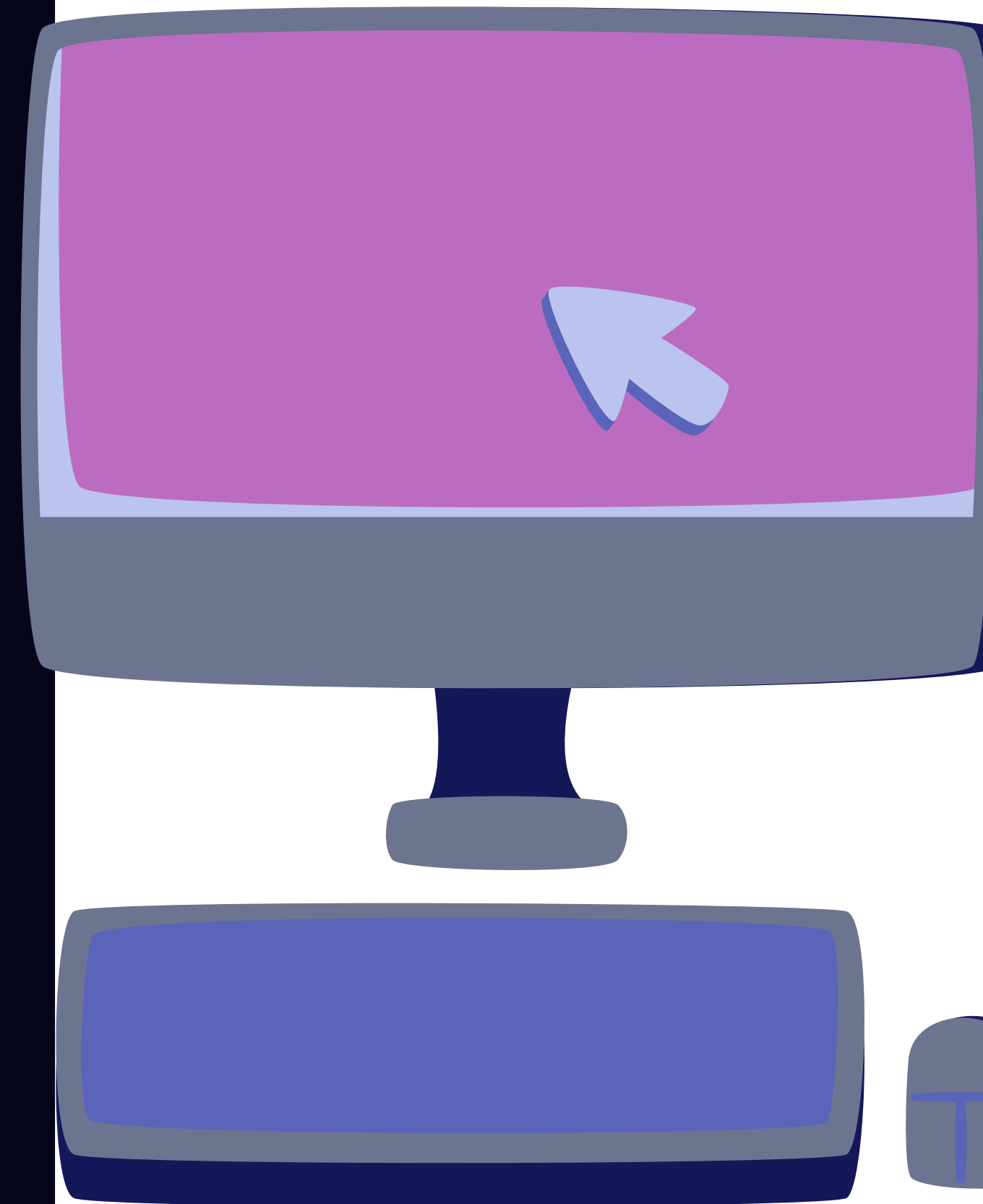
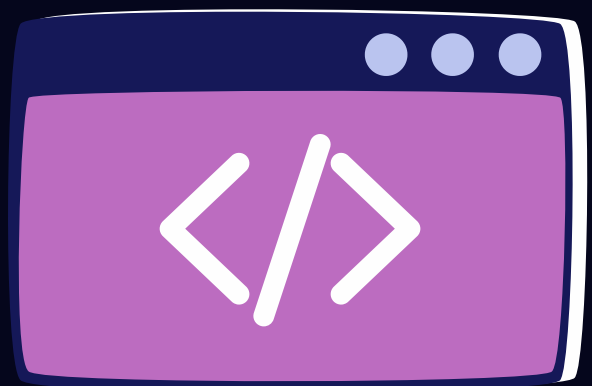
# C#

```
string dayOfWeek = "Lunes";  
if (dayOfWeek == "Sábado" || dayOfWeek == "Domingo")  
{  
    Console.WriteLine("Es fin de semana");  
}  
else  
{  
    Console.WriteLine("Es un día laboral");  
}
```



# Java

```
String name1 = "MARIA";  
String name2 = "JUAN";  
if (name1.equals(name2)) {  
    System.out.println("Los nombres son iguales");  
} else {  
    System.out.println("Los nombres son diferentes");  
}
```



# Python

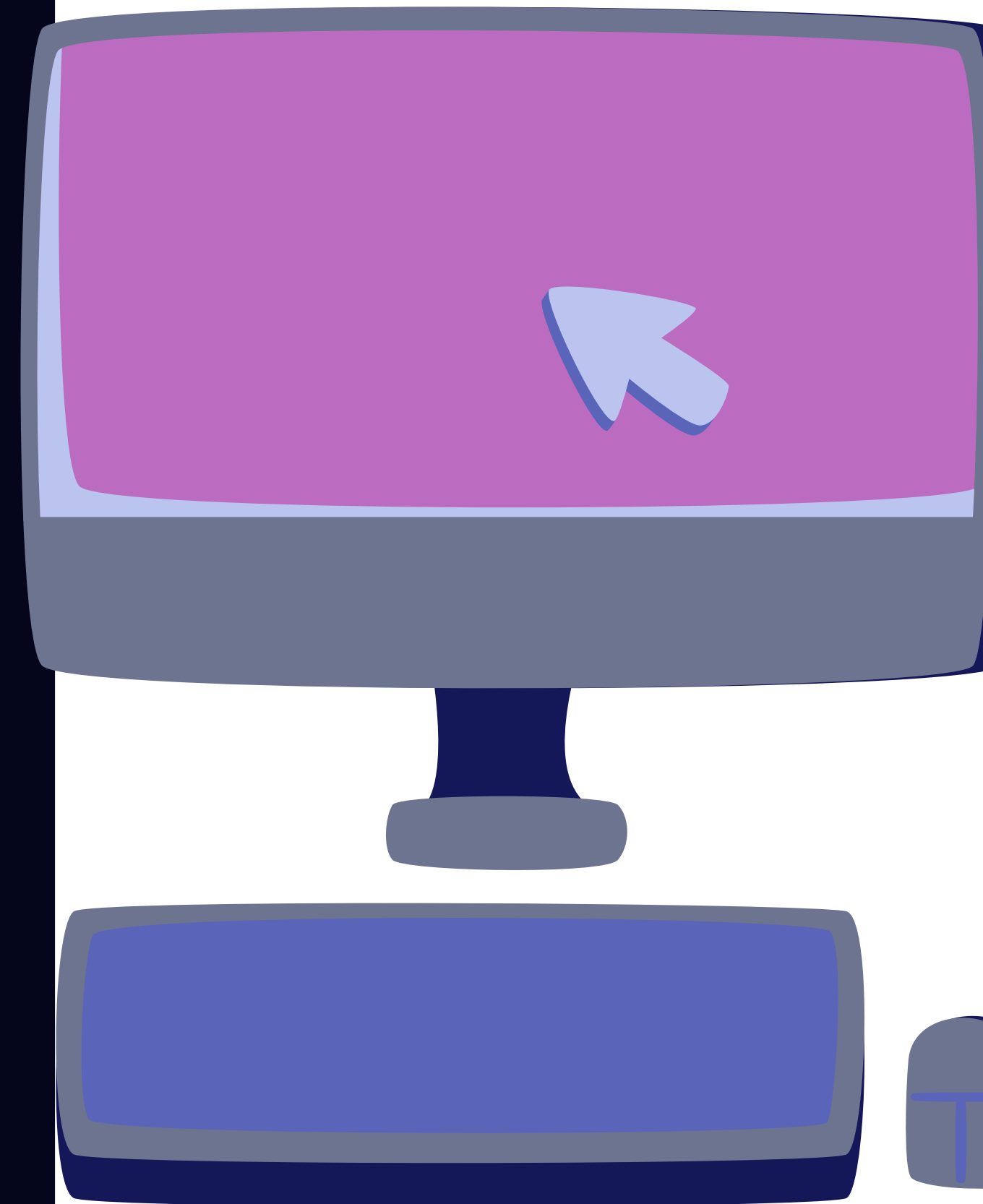
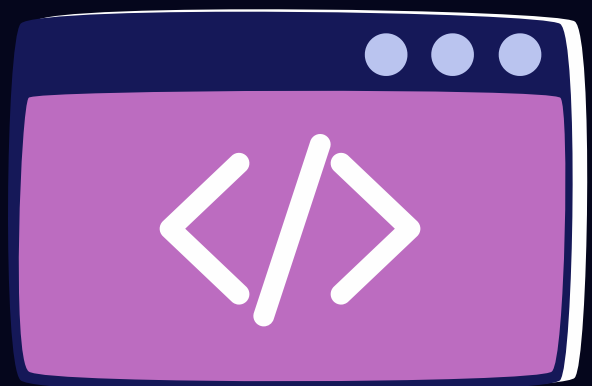
```
number = -10
```

```
if number < 0:
```

```
    print("El número es negativo")
```

```
else:
```

```
    print("El número es positivo o cero")
```



# JavaScript

```
let userRole = "admin";
```

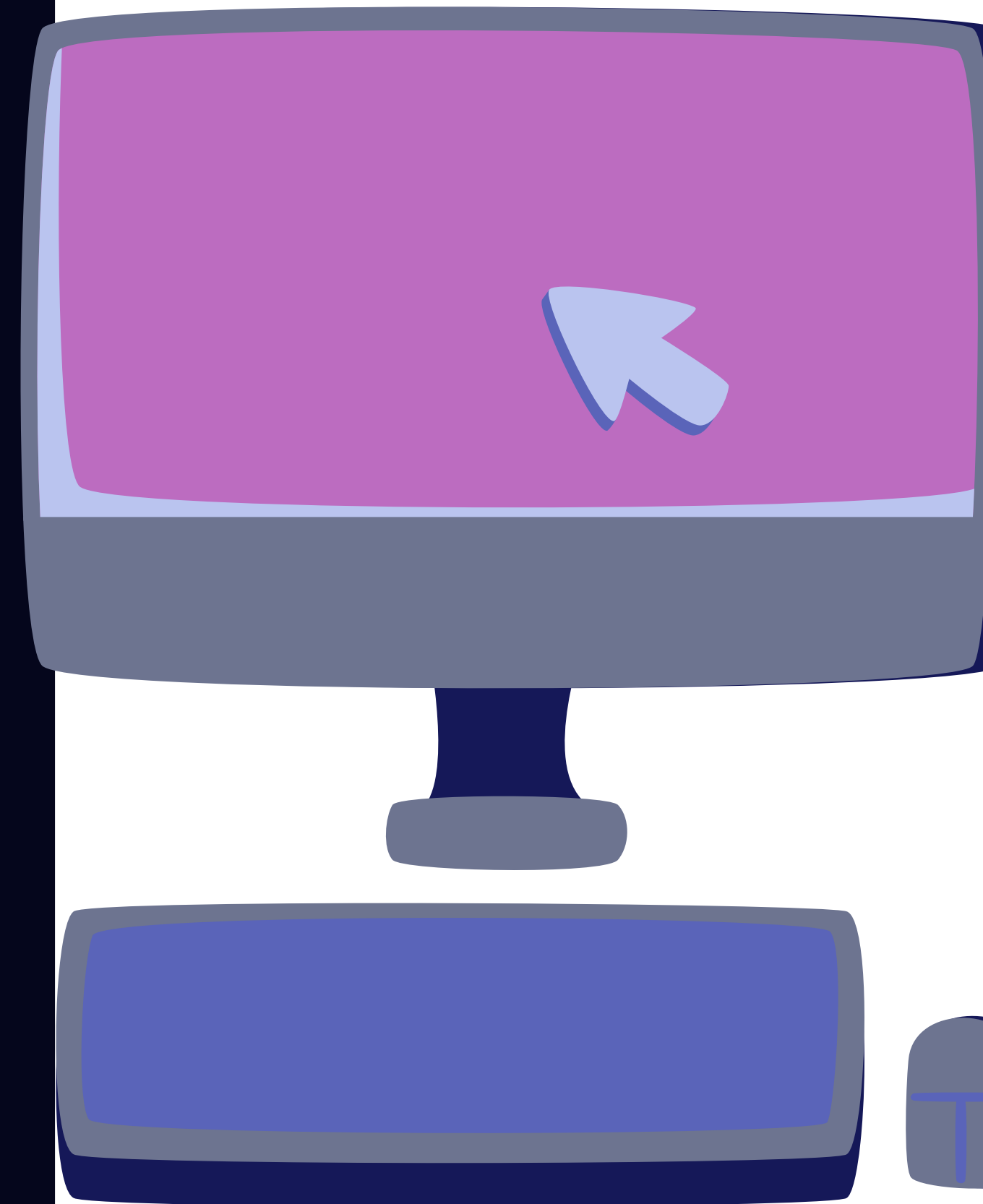
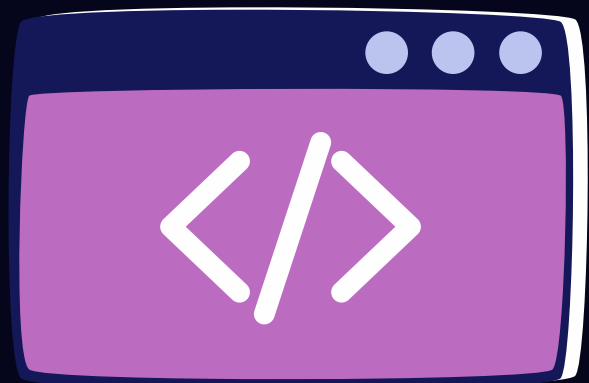
```
if (userRole === "admin") {
```

```
  console.log("Acceso permitido");
```

```
} else {
```

```
  console.log("Acceso denegado");
```

```
}
```



# PHP

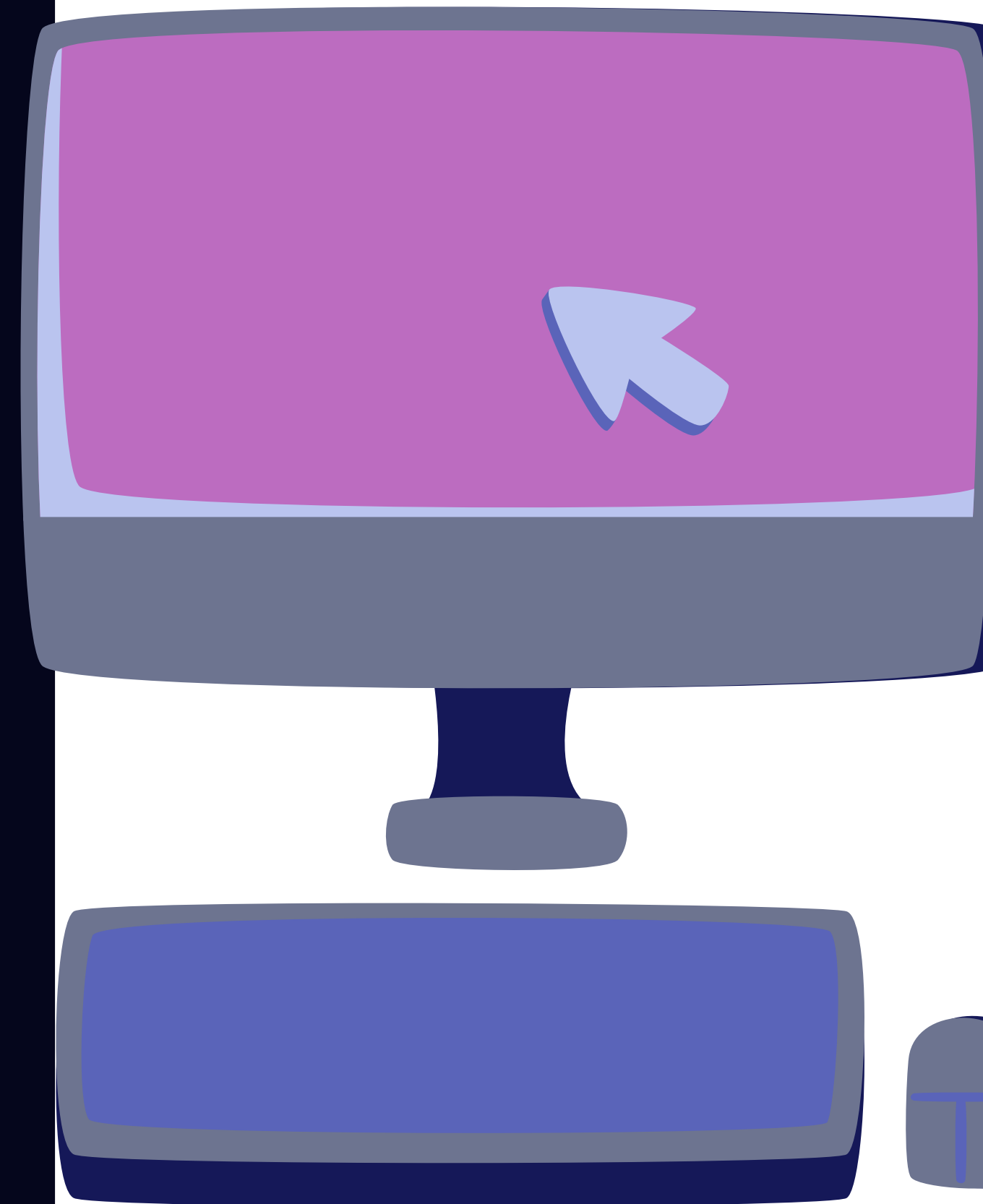
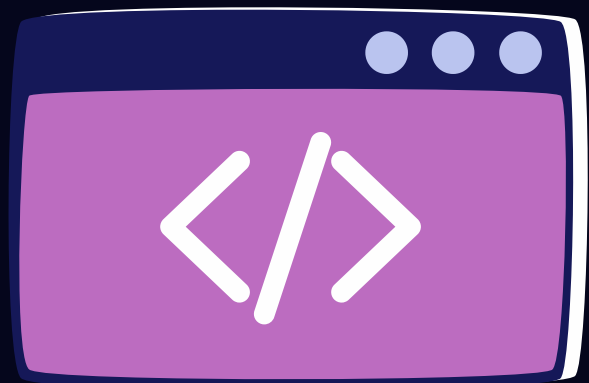
```
$age = 25;
```

```
if (isset($age)) {
```

```
    echo "La edad está definida";
```

```
} else {
```

```
    echo "La edad no está definida";  
}
```



La estructura if permite que un programa decida si ejecuta una sentencia o un bloque de sentencias, en caso de que la condición sea verdadera, o bien si salta su ejecución, en caso de que la condición sea falsa