



Universidad  
**La Salle**<sup>®</sup>  
Bajío

Facultad de  
**Ingenierías y  
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**Integrantes:**

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**Materia:**

Taller de Desarrollo Movil Para Windows

**Tema:**

Practica 02

**Grupo:**

401

**Maestro:**

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León, Guanajuato a 25 de septiembre de 2023

## MainPage.xaml

```
<?xml version="1.0" encoding="utf-8" ?>
<ContentPage xmlns="http://schemas.microsoft.com/dotnet/2021/maui"
    xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
    x:Class="TDMPW_2P_PR02.MainPage"
    BackgroundColor="#116633">

    <Grid>
        <Grid.RowDefinitions>
            <RowDefinition Height="3*" />
            <RowDefinition Height="3*" />
            <RowDefinition Height="2*" />
            <RowDefinition Height="2*" />
        </Grid.RowDefinitions>
        <Grid.ColumnDefinitions>
            <ColumnDefinition Width="*" />
            <ColumnDefinition Width="*" />
            <ColumnDefinition Width="*" />
            <ColumnDefinition Width="*" />
        </Grid.ColumnDefinitions>

        <Label
            Grid.Row="0"
            Grid.Column="0"
            Grid.ColumnSpan="2"
            Text="Ingrese el monto"
            FontSize="25"
            TextColor="Black"
            HorizontalOptions="Center"
            VerticalOptions="Center"
            />

        <Frame
            Grid.Row="0"
            Grid.Column="2"
            Grid.ColumnSpan="2"
            BackgroundColor="blue"
            HeightRequest="100"
            Margin="20,0,20,0">

            <StackLayout
                VerticalOptions="Center"
                HorizontalOptions="Center">
                <Entry
                    x:Name="entryMonto"
                    Placeholder="0.00"
                    TextColor="White"
```

```

        FontSize="25"
        TextChanged="entryMonto_TextChanged"
    />
</StackLayout>

</Frame>

<Frame
    Grid.Row="1"
    Grid.Column="0"
    Grid.ColumnSpan="4"
    CornerRadius="25"
    BackgroundColor="blue"
    Margin="20">

    <StackLayout>
        <HorizontalStackLayout
            HorizontalOptions="Center">
            <Label
                x:Name="lblCantidadFinal"
                Text="$0.00"
                TextColor="white"
                FontSize="50"
            />
        </HorizontalStackLayout>

        <BoxView
            Color="White"
            HeightRequest="5"
            Margin="20"
        />

        <Grid>
            <Grid.RowDefinitions>
                <RowDefinition Height="*" />
                <RowDefinition Height="*" />
            </Grid.RowDefinitions>
            <Grid.ColumnDefinitions>
                <ColumnDefinition Width="*" />
                <ColumnDefinition Width="*" />
                <ColumnDefinition Width="*" />
            </Grid.ColumnDefinitions>

            <Label
                Grid.Row="0"
                Grid.Column="0"
                Text="Envio"
                TextColor="black"

```

```

        FontSize="25"
        HorizontalOptions="Center"
    />
<Label
    x:Name="lblEnvio"
    Grid.Row="1"
    Grid.Column="0"
    Text="0.00"
    TextColor="black"
    FontSize="25"
    HorizontalOptions="Center"
/>

<Label
    Grid.Row="0"
    Grid.Column="2"
    Text="IVA"
    TextColor="black"
    FontSize="25"
    HorizontalOptions="Center"
/>
<Label
    x:Name="lblIVA"
    Grid.Row="1"
    Grid.Column="2"
    Text="0.00"
    TextColor="black"
    FontSize="25"
    HorizontalOptions="Center"
/>

</Grid>
<HorizontalStackLayout
    HorizontalOptions="Center">

    </HorizontalStackLayout>

</StackLayout>
</Frame>

<Label
    Grid.Row="2"
    Grid.Column="0"
    Text="Seleccione el IVA"
    TextColor="Black"
    FontSize="25"
    VerticalOptions="Center"
    HorizontalOptions="Center"

```

```
Margin="20,0,0,0"  
</>
```

```
<Button  
  x:Name="btnCero"  
  Grid.Row="2"  
  Grid.Column="1"  
  Text="0%"  
  FontSize="25"  
  TextColor="white"  
  CornerRadius="25"  
  BackgroundColor="blue"  
  HeightRequest="100"  
  WidthRequest="100"  
  Clicked="btnCero_Clicked"  
</>
```

```
<Button  
  x:Name="btnOnce"  
  Grid.Row="2"  
  Grid.Column="2"  
  Text="11%"  
  FontSize="25"  
  TextColor="white"  
  CornerRadius="25"  
  BackgroundColor="blue"  
  HeightRequest="100"  
  WidthRequest="100"  
  Clicked="btnOnce_Clicked"  
</>
```

```
<Button  
  x:Name="btnDieciseis"  
  Grid.Row="2"  
  Grid.Column="3"  
  Text="16%"  
  FontSize="25"  
  TextColor="white"  
  CornerRadius="25"  
  BackgroundColor="blue"  
  HeightRequest="100"  
  WidthRequest="100"  
  Clicked="btnDieciseis_Clicked"  
</>
```

```
<Slider  
  x:Name="sld1"  
  Grid.Row="3"
```

```
Grid.Column="0"  
Grid.ColumnSpan="4"  
Minimum="0"  
Maximum="16"  
Margin="40, 0, 40, 0"  
ThumbColor="blue"  
MinimumTrackColor="blue"  
</>
```

```
</Grid>
```

```
</ContentPage>
```

MainPage.xaml.cs

namespace TDMPW\_2P\_PR02;

```
public partial class MainPage : ContentPage
{
```

```
    public MainPage()
    {
        InitializeComponent();
    }
```

```
    void entryMonto_TextChanged(System.Object sender,
Microsoft.Maui.Controls.TextChangedEventArgs e)
    {
    }
```

```
    void btnCero_Clicked(System.Object sender, System.EventArgs e)
    {
        sld1.Value = 0;
        string montoInicial = entryMonto.Text;
        double cantidad = double.Parse(montoInicial);

        double costoEnvio = 0.00;
        double costoIVA = 0.00;
        double cantidadFinal;

        if(cantidad <= 100)
        {
            costoEnvio = 200;
        }
        if (cantidad > 100 && cantidad <= 200){
            costoEnvio = 100;
        }
    }
```

```
    cantidadFinal = cantidad + costoEnvio + costoIVA;
```

```
    lblIVA.Text = costoIVA.ToString();
    lblEnvio.Text = costoEnvio.ToString();
    lblCantidadFinal.Text = cantidadFinal.ToString();
}
```

```
    void btnOnce_Clicked(System.Object sender, System.EventArgs e)
    {
        sld1.Value = 11;
        string montoInicial = entryMonto.Text;
        double cantidad = double.Parse(montoInicial);
```

```

double costoEnvio = 0.00;
double costoIVA = Math.Round((cantidad * 0.11), 2);
double cantidadFinal;

if (cantidad <= 100)
{
    costoEnvio = 200;
}
if (cantidad > 100 && cantidad <= 200)
{
    costoEnvio = 100;
}

cantidadFinal = cantidad + costoEnvio + costoIVA;

lblIVA.Text = costoIVA.ToString();
lblEnvio.Text = costoEnvio.ToString();
lblCantidadFinal.Text = cantidadFinal.ToString();
}

void btnDieciseis_Clicked(System.Object sender, System.EventArgs e)
{
    sld1.Value = 16;
    string montoInicial = entryMonto.Text;
    double cantidad = double.Parse(montoInicial);

    double costoEnvio = 0.00;
    double costoIVA = Math.Round((cantidad * 0.16), 2);
    double cantidadFinal;

    if (cantidad <= 100)
    {
        costoEnvio = 200;
    }
    if (cantidad > 100 && cantidad <= 200)
    {
        costoEnvio = 100;
    }

    cantidadFinal = cantidad + costoEnvio + costoIVA;

    lblIVA.Text = costoIVA.ToString();
    lblEnvio.Text = costoEnvio.ToString();
    lblCantidadFinal.Text = cantidadFinal.ToString();
}
}

```



TDMPW\_2P\_PR02

Home

Ingrese el monto

0.00

\$0.00

Envio

0.00

IVA

0.00

Seleccione el IVA

0%

11%

16%