Integrantes:

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Materia:

Taller de Desarrollo Movil Para Windows

Tema:

Examen Segundo Parcial

Grupo:

401

Maestro:

Luis Enrique Cuellar Vivia

León, Guanajuato a 23 de octubre de 2023

MainPage.xaml

```xml
<?xml version="1.0" encoding="utf-8" ?>
<TabbedPage xmlns="http://schemas.microsoft.com/dotnet/2021/maui"
        xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
        x:Class="TDMPW_2P_EX_76724.MainPage"
        SelectedTabColor="white"
        UnselectedTabColor="#6c757d"
        BarBackgroundColor="#212529"
        >

  <ContentPage
     Title="Home Page"
     IconImageSource="home.png"
     BackgroundColor="#454b51">
     <Grid>
        <Grid.RowDefinitions>
           <RowDefinition Height="5*" />
           <RowDefinition Height="1*" />
           <RowDefinition Height="6*" />
           <RowDefinition Height="1*" />
           <RowDefinition Height="6*" />
        </Grid.RowDefinitions>
        <Grid.ColumnDefinitions>
           <ColumnDefinition Width="*" />
        </Grid.ColumnDefinitions>
        <Frame
           Grid.Row="0"
           Grid.Column="0"
           CornerRadius="0"
           Padding="20"
           Margin="-2,0,-2,15"
           HasShadow="True"
           BackgroundColor="#212529"
           >
           <StackLayout
              VerticalOptions="End">
              <Grid>
                 <Grid.RowDefinitions>
                    <RowDefinition Height="*" />
                    <RowDefinition Height="*" />
                 </Grid.RowDefinitions>
                 <Grid.ColumnDefinitions>
                    <ColumnDefinition Width="*" />
                    <ColumnDefinition Width="*" />
                    <ColumnDefinition Width="*" />
                    <ColumnDefinition Width=".5*" />
                 </Grid.ColumnDefinitions>
```

```xml
<Label
    Grid.Row="0"
    Grid.Column="0"
    Grid.ColumnSpan="4"
    Text="Bienvenido (a) ☕"
    FontSize="42"
    VerticalOptions="Center"
    Margin="0, 40, 0, 50"
    />

<Image
    Grid.Row="1"
    Grid.Column="0"
    Source="login.png"
    WidthRequest="30"
    HeightRequest="30"
    HorizontalOptions="Start"
    VerticalOptions="End"
    />
<Label
    Grid.Row="1"
    Grid.Column="0"
    Text="Ingresar"
    FontSize="20"
    Margin="40,0,0,0"
    />
<Image
    Grid.Row="1"
    Grid.Column="1"
    Source="envelope.png"
    WidthRequest="30"
    HeightRequest="30"
    HorizontalOptions="Start"
    />
<Label
    Grid.Row="1"
    Grid.Column="1"
    Text="Inbox"
    FontSize="20"
    Margin="40,0,0,0"
    />
<Image
    Grid.Row="1"
    Grid.Column="2"
    Source="share.png"
    WidthRequest="30"
    HeightRequest="30"
    HorizontalOptions="Start"
```

```xml
                    />
                <Image
                    Grid.Row="1"
                    Grid.Column="3"
                    Source="settings.png"
                    WidthRequest="30"
                    HeightRequest="30"
                    HorizontalOptions="End"
                    />
            </Grid>
        </StackLayout>
    </Frame>

    <Label
        Grid.Row="1"
        Grid.Column="0"
        Text="Hecho con amor"
        FontSize="20"
        Margin="20,0,20,0"
        VerticalOptions="Center"
        />
    <Image
        Grid.Row="2"
        Grid.Column="0"
        Source="flyer1"
        Margin="0,10,0,10"
        HorizontalOptions="FillAndExpand"
        />
    <Label
        Grid.Row="3"
        Grid.Column="0"
        Text="Tenemos el mejor café"
        FontSize="20"
        Margin="20,0,20,0"
        VerticalOptions="Center"
        />
    <Image
        Grid.Row="4"
        Grid.Column="0"
        Source="flyer2"
        Margin="0,10,0,10"
        />

    </Grid>
</ContentPage>

<ContentPage
    Title="Productos"
```

```xml
IconImageSource="coffee.png"
BackgroundColor="#454b51">
<Grid>
  <Grid.RowDefinitions>
    <RowDefinition Height="5*" />
    <RowDefinition Height="1*" />
    <RowDefinition Height="3.25*" />
    <RowDefinition Height="3.25*" />
    <RowDefinition Height="3.25*" />
    <RowDefinition Height="3.25*" />
  </Grid.RowDefinitions>
  <Grid.ColumnDefinitions>
    <ColumnDefinition Width="1.5*" />
    <ColumnDefinition Width="3*" />
  </Grid.ColumnDefinitions>
  <Frame
    Grid.Row="0"
    Grid.Column="0"
    Grid.ColumnSpan="2"
    CornerRadius="0"
    Padding="20"
    Margin="-2,0,-2,15"
    HasShadow="True"
    BackgroundColor="#212529"
    >
    <StackLayout
      VerticalOptions="End">
      <Grid>
        <Grid.RowDefinitions>
          <RowDefinition Height="*" />
          <RowDefinition Height="*" />
        </Grid.RowDefinitions>
        <Grid.ColumnDefinitions>
          <ColumnDefinition Width="*" />
          <ColumnDefinition Width="*" />
          <ColumnDefinition Width="*" />
          <ColumnDefinition Width=".5*" />
        </Grid.ColumnDefinitions>
        <Label
          Grid.Row="0"
          Grid.Column="0"
          Grid.ColumnSpan="4"
          Text="Productos"
          FontSize="37"
          VerticalOptions="Center"
          Margin="0, 40, 0, 50"
          />
```

```xml
            <Label
                Grid.Row="1"
                Grid.Column="0"
                Text="Menú"
                FontSize="20"
                Margin="40,0,0,0"
                HorizontalOptions="Start"
                />
            <BoxView
                Grid.Row="1"
                Grid.Column="0"
                Color="White"
                HeightRequest="5"
                Margin="0,30,0,0"
                />
        </Grid>
    </StackLayout>
</Frame>

<Label
    Grid.Row="1"
    Grid.Column="0"
    Grid.ColumnSpan="2"
    Text="Bebidas"
    FontSize="40"
    Margin="20,0,20,0"
    />
<Frame
    Grid.Row="2"
    Grid.Column="0"
    Margin="20"
    HeightRequest="120"
    WidthRequest="120"
    CornerRadius="60"
    HorizontalOptions="Start"
    VerticalOptions="Center"
    IsClippedToBounds="True"
    BorderColor="#adb5bd"
    BackgroundColor="#adb5bd">
    <Image
        Source="bebidas_calientes.png"
        Aspect="AspectFill"
        HeightRequest="120"
        WidthRequest="120"
        />
</Frame>
<Label
    Grid.Row="2"
```

```xml
            Grid.Column="1"
            Text="Bebidas Calientes"
            FontSize="25"
            Margin="20,0,20,0"
            VerticalOptions="Center"
            />
        <Frame
            Grid.Row="3"
            Grid.Column="0"
            Margin="20"
            HeightRequest="120"
            WidthRequest="120"
            CornerRadius="60"
            HorizontalOptions="Start"
            VerticalOptions="Center"
            IsClippedToBounds="True"
            BorderColor="#adb5bd"
            BackgroundColor="#adb5bd">
            <Image
                Source="bebidas_frias.png"
                Aspect="AspectFill"
                HeightRequest="120"
                WidthRequest="120"
                />
        </Frame>
        <Label
            Grid.Row="3"
            Grid.Column="1"
            Text="Bebidas Frías"
            FontSize="25"
            Margin="20,0,20,0"
            VerticalOptions="Center"
            />
        <Frame
            Grid.Row="4"
            Grid.Column="0"
            Margin="20"
            HeightRequest="120"
            WidthRequest="120"
            CornerRadius="60"
            HorizontalOptions="Start"
            VerticalOptions="Center"
            IsClippedToBounds="True"
            BorderColor="#adb5bd"
            BackgroundColor="#adb5bd">
            <Image
                Source="bebidas_base_te.png"
                Aspect="AspectFill"
```

```xml
                    HeightRequest="120"
                    WidthRequest="120"
                    />
            </Frame>
            <Label
                Grid.Row="4"
                Grid.Column="1"
                Text="Bebidas Base Té"
                FontSize="25"
                Margin="20,0,20,0"
                VerticalOptions="Center"
                />
            <Frame
                Grid.Row="5"
                Grid.Column="0"
                Margin="20"
                HeightRequest="120"
                WidthRequest="120"
                CornerRadius="60"
                HorizontalOptions="Start"
                VerticalOptions="Center"
                IsClippedToBounds="True"
                BorderColor="#adb5bd"
                BackgroundColor="#adb5bd">
                <Image
                    Source="frappuccino.png"
                    Aspect="AspectFill"
                    HeightRequest="120"
                    WidthRequest="120"
                    />
            </Frame>
            <Label
                Grid.Row="5"
                Grid.Column="1"
                Text="Frapuccino"
                FontSize="25"
                Margin="20,0,20,0"
                VerticalOptions="Center"
                />

        </Grid>
</ContentPage>

<ContentPage
    Title="Ordenar"
    IconImageSource="dollar.png"
    BackgroundColor="#454b51">
    <Grid>
```

```xml
<Grid.RowDefinitions>
    <RowDefinition Height="5*" />
    <RowDefinition Height="6*" />
    <RowDefinition Height=".5*" />
    <RowDefinition Height="3*" />
    <RowDefinition Height="3*" />
</Grid.RowDefinitions>
<Grid.ColumnDefinitions>
    <ColumnDefinition Width="1.5*" />
    <ColumnDefinition Width="*" />
    <ColumnDefinition Width="*" />
    <ColumnDefinition Width="*" />
</Grid.ColumnDefinitions>

<Frame
    Grid.Row="0"
    Grid.Column="0"
    Margin="30"
    HeightRequest="120"
    WidthRequest="120"
    CornerRadius="60"
    VerticalOptions="Start"
    IsClippedToBounds="True"
    BorderColor="#adb5bd"
    BackgroundColor="#adb5bd"
    HorizontalOptions="Center">
    <Image
        x:Name="imagenProducto"
        Aspect="AspectFill"
        HeightRequest="120"
        WidthRequest="120"
        />
</Frame>
<Label
    Grid.Row="0"
    Grid.Column="1"
    Grid.ColumnSpan="2"
    x:Name="lblNombre"
    Text=""
    FontSize="25"
    Margin="0,35,0,0"
    />
<Label
    Grid.Row="0"
    Grid.Column="1"
    Grid.ColumnSpan="2"
    x:Name="lblDescripcion"
    Text=""
```

```xml
        FontSize="15"
        Margin="0,75,0,0"
        />
<Stepper
        Grid.Row="0"
        Grid.Column="1"
        x:Name="stepper"
        Margin="0,0,0,20"
        VerticalOptions="End"
        Minimum="1"
        Maximum="100"
        Value="1"
        Increment="1"
        ValueChanged="Stepper_ValueChanged"
        />
<Label
        Grid.Row="0"
        Grid.Column="1"
        x:Name="lblCantidad"
        Text="1"
        FontSize="20"
        Margin="0,0,20,55"
        VerticalOptions="End"
        HorizontalOptions="Center"
        />
<Label
        Grid.Row="0"
        Grid.Column="3"
        x:Name="lblPrecio"
        Text="$ 0.00"
        FontSize="20"
        Margin="0,35,20,0"
        HorizontalOptions="End"
        />

<Frame
        Grid.Row="1"
        Grid.Column="0"
        Grid.ColumnSpan="4"
        CornerRadius="0"
        Padding="20"
        Margin="-2,0,-2,15"
        BackgroundColor="#212529"
        >
        <StackLayout
          HorizontalOptions="Center">
          <Grid>
            <Grid.RowDefinitions>
```

```xml
<RowDefinition Height="*" />
<RowDefinition Height="3*" />
<RowDefinition Height="*" />
</Grid.RowDefinitions>
<Grid.ColumnDefinitions>
<ColumnDefinition Width="*" />
<ColumnDefinition Width="*" />
<ColumnDefinition Width="*" />
</Grid.ColumnDefinitions>
<Label
    Grid.Row="0"
    Grid.Column="0"
    Grid.ColumnSpan="4"
    Text="También te pueden gustar"
    FontSize="20"
    VerticalOptions="Center"
    Margin="0, 0, 0, 0"
    />

<Frame
    Grid.Row="1"
    Grid.Column="0"
    Margin="20"
    HeightRequest="120"
    WidthRequest="120"
    CornerRadius="60"
    VerticalOptions="Center"
    IsClippedToBounds="True"
    BorderColor="#adb5bd"
    BackgroundColor="#adb5bd"
    HorizontalOptions="Center">
    <ImageButton
        x:Name="producto_uno"
        Source="cheesecake.png"
        Aspect="AspectFill"
        HeightRequest="120"
        WidthRequest="120"
        Clicked="producto_uno_Clicked"
        />
</Frame>

<Frame
    Grid.Row="1"
    Grid.Column="1"
    Margin="20"
    HeightRequest="120"
    WidthRequest="120"
    CornerRadius="60"
```

```xml
            HorizontalOptions="Start"
            VerticalOptions="Center"
            IsClippedToBounds="True"
            BorderColor="#adb5bd"
            BackgroundColor="#adb5bd">
            <ImageButton
                x:Name="producto_dos"
                Source="caramel.png"
                Aspect="AspectFill"
                HeightRequest="120"
                WidthRequest="120"
                Clicked="producto_dos_Clicked"
                />
        </Frame>

        <Frame
            Grid.Row="1"
            Grid.Column="2"
            Margin="20"
            HeightRequest="120"
            WidthRequest="120"
            CornerRadius="60"
            HorizontalOptions="Start"
            VerticalOptions="Center"
            IsClippedToBounds="True"
            BorderColor="#adb5bd"
            BackgroundColor="#adb5bd">
            <ImageButton
                x:Name="producto_tres"
                Source="croissant.png"
                Aspect="AspectFill"
                HeightRequest="120"
                WidthRequest="120"
                Clicked="producto_tres_Clicked"
                />
        </Frame>

        <Label
            Grid.Row="2"
            Grid.Column="0"
            Text="Cheesecake Roulet"
            FontSize="20"
            HorizontalTextAlignment="Center"
            />

        <Label
            Grid.Row="2"
            Grid.Column="1"
```

```xml
                    Text="Caramel Macchiato"
                    FontSize="20"
                    HorizontalTextAlignment="Center"
                    />

                <Label
                    Grid.Row="2"
                    Grid.Column="2"
                    Text="Croissant"
                    FontSize="20"
                    HorizontalTextAlignment="Center"
                    />

            </Grid>
        </StackLayout>
    </Frame>

    <Label
        Grid.Row="2"
        Grid.Column="0"
        Grid.ColumnSpan="4"
        Text="Recompensas disponibles"
        FontSize="20"
        Margin="20,0,0,0"
        />

    <Frame
        Grid.Row="3"
        Grid.Column="0"
        Grid.ColumnSpan="2"
        CornerRadius="10"
        Padding="20"
        Margin="20,10,20,10"
        BorderColor="#adb5bd"
        BackgroundColor="#adb5bd">
        <Label
            Text="Cafe del dia"
            TextColor="White"
            FontSize="20"
            VerticalTextAlignment="Center"
            HorizontalTextAlignment="Center"
            />
    </Frame>
    <Frame
        Grid.Row="3"
        Grid.Column="2"
        Grid.ColumnSpan="2"
        CornerRadius="10"
```

```xml
            Padding="20"
            Margin="20,10,20,10"
            BorderColor="#adb5bd"
            BackgroundColor="#adb5bd">
            <Label
                Text="Pan Gold"
                TextColor="White"
                FontSize="20"
                VerticalTextAlignment="Center"
                HorizontalTextAlignment="Center"
                />
        </Frame>

        <HorizontalStackLayout
            Grid.Row="4"
            Grid.Column="0"
            Grid.ColumnSpan="4"
            HorizontalOptions="End"
            VerticalOptions="Center"
            Margin="0,0,20,0">
            <Label
                Text="Total........... $"
                FontSize="30"
                />
            <Label
                x:Name="lblTotal"
                Text=" 0.00"
                FontSize="30"
                />

        </HorizontalStackLayout>


    </Grid>
  </ContentPage>

</TabbedPage>
```

MainPage.xaml.cs

```csharp
using Microsoft.Maui;
using Microsoft.Maui.Controls;

namespace TDMPW_2P_EX_76724;

public partial class MainPage : TabbedPage
{
    double precio = 0.0;

    public MainPage()
    {
        InitializeComponent();
    }

    void producto_uno_Clicked(System.Object sender, System.EventArgs e)
    {
        imagenProducto.Source = "cheesecake.png";
        this.lblNombre.Text = "Cheesecake Roulet";
        this.lblDescripcion.Text = "Contiene glúten, huevo, leche y derivados. Puede contener
trazas de frutos de cáscara, soja, pescado, sésamo.";
        this.lblPrecio.Text = "$ 55.00";
        this.lblTotal.Text = "55.00";
        lblCantidad.Text = "1";
        stepper.Value = 1;
        precio = 55.0;
    }

    void producto_dos_Clicked(System.Object sender, System.EventArgs e)
    {
        imagenProducto.Source = "caramel.png";
        this.lblNombre.Text = "Caramel Macchiato";
        this.lblDescripcion.Text = "Leche al vapor manchada con espresso y un toque de
vainilla, cubierta con un característico dibujo de caramelo. Dulce, intenso y único.";
        this.lblPrecio.Text = "$ 82.00";
        this.lblTotal.Text = "82.00";
        lblCantidad.Text = "1";
        stepper.Value = 1;
        precio = 82.0;
    }

    void producto_tres_Clicked(System.Object sender, System.EventArgs e)
    {
        imagenProducto.Source = "croissant.png";
        this.lblNombre.Text = "Croissant";
        this.lblDescripcion.Text = "Contiene: gluten, huevos y leche. Puede contener frutos de
cáscara, soja y sésamo";
```

```csharp
        this.lblPrecio.Text = "$ 64.00";
        this.lblTotal.Text = "64.00";
        lblCantidad.Text = "1";
        stepper.Value = 1;
        precio = 64.00;
    }

    void Stepper_ValueChanged(System.Object sender,
Microsoft.Maui.Controls.ValueChangedEventArgs e) {
        double valorStepper = e.NewValue;
        lblCantidad.Text = valorStepper.ToString();

        double resultado = valorStepper * precio;
        lblTotal.Text = resultado.ToString();
    }
}
```

Bienvenido (a) ☕

👤 Ingresar   ✉ Inbox   ⬆   ⚙

Hecho con amor

Tenemos el mejor café

🏠 Home Page   🥤 Productos   💲 Ordenar

Productos

Menú

Bebidas

Bebidas Calientes

Bebidas Frías

Bebidas Base Té

Frapuccino

Home Page　　　Productos　　　Ordenar

Caramel Macchiato

$ 82.00

Leche al vapor manchada con espresso y un toque de vainilla, cubierta con un característico dibujo de caramelo. Dulce, intenso y único.

2

— | +

También te pueden gustar

Cheesecake Roulet

Caramel Macchiato

Croissant

Recompensas disponibles

Cafe del dia

Pan Gold

Total........... $164

Home Page   Productos   Ordenar