<forms:WindowsPage

x:Class="Test.UWP.MainPage"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:forms="using:Xamarin.Forms.Platform.UWP"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="using:Test.UWP"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

mc:Ignorable="d"

Background="{ThemeResource ApplicationPageBackgroundThemeBrush}">

<Grid Background="{ThemeResource ApplicationPageBackgroundThemeBrush}">

<StackLayout>

<!-- Header -->

<Label Text="NUMEROLOGY" HorizontalOptions="Center" VerticalOptions="CenterAndExpand" />

<!--fields for value entry -->

<Entry HorizontalOptions="Center" x:Name="entryDay" Placeholder="DD"/>

<Entry HorizontalOptions="Center" x:Name="entryMonth" Placeholder="MM"/>

<Entry HorizontalOptions="Center" x:Name="entryYear" Placeholder="YYYYY"/>

<Button Text="Calculate" HorizontalOptions="Center" VerticalOptions=" Center" x:Name="numerologyCalc" Clicked="Date\_Of\_Birth"/>

<Label Text="Numerology" HorizontalOptions="Center" VerticalOptions="CenterAndExpand" />

<!--Numerology calculation return-->

<Label x:Name="numerologyCalc" HorizontalOptions="Center" VerticalOptions="CenterAndExpand" />

</StackLayout>

</Grid>

</forms:WindowsPage>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using Xamarin.Forms;

namespace Test

{

public partial class MainPage : ContentPage

{

public MainPage()

{

InitializeComponent();

}

private void Date\_Of\_Birth(object sender, EventArgs e)

{

// declaration of variables

int day = 0, day2 = 0, month = 0, month2 = 0;

int centuryYear = 0,centuryYear2 = 0,decadeYear =0, decadeYear2=0;

int numerology = 0;

//conversion of String to interger

day = Convert.ToInt16(entryDay.Text);

//test for correct entry

day2 = day % 10;

day = (day - day2) / 10;

day += day2;

switch (day) {

case 10:

day = 1;

break;

case 11:

day = 2;

break;

}

//assign to numerology

numerology += day;

//calculate month

month = Convert.ToInt16(entryMonth.Text);

//test for correct entry

month2 = month % 10;

month -= month2;

//assign to numerology

numerology += month;

if (numerology == 10)

{

numerology = 1;

}

numerology += month2;

//calculate year

centuryYear = Convert.ToInt16(entryYear.Text);

//test for correct entry

//breaking down to individual digits

centuryYear -= decadeYear = centuryYear % 100;

centuryYear /= 1000;

centuryYear2 = ((centuryYear / 100)%10);

decadeYear2 = decadeYear % 10;

decadeYear = (decadeYear - decadeYear2)/ 10;

numerology += centuryYear;

if (numerology > 9) {

centuryYear = numerology % 10 ;

numerology = (numerology/10) + centuryYear;

}//create function LLL above9Test(numerology,value)

numerology += centuryYear2;

if (numerology > 9)

{

centuryYear2 = numerology % 10;

numerology = (numerology / 10) + centuryYear2;

}

numerology += decadeYear;

if (numerology > 9)

{

decadeYear = numerology % 10;

numerology = (numerology / 10) + decadeYear;

}

numerology += decadeYear2;

if (numerology > 9)

{

decadeYear2 = numerology % 10;

numerology = (numerology / 10) + decadeYear2;

}

switch (numerology) {

case 10:

numerology = 1;

break;

case 11:

numerology = 11;

break;

case 22:

numerology = 22;

break;

case 33:

numerology = 33;

break;

}//switch

//return String format

numerologyCalc.Text = " Numerology\n" + numerology;

}

}

}