

Q1. Create a mobile application where you have to calculate total amount in a Piggybank. A piggy bank having 10 Rs coin, 5 Rs coin, 2 Rs coin and 1 Rs coin.

Soln:

Design code: Page3.xaml

```
<?xml version="1.0" encoding="utf-8" ?>
<ContentPage xmlns="http://xamarin.com/schemas/2014/forms"
    xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
    x:Class="MyNewMobileApp.Page3" Padding="40" BackgroundColor="Yellow">
    <ContentPage.Content>
        <StackLayout>

            <Entry Placeholder="Enter no. of coins for 10 Rs" x:Name="txtvaluefor10" />
            <Entry Placeholder="Enter no. of coins for 5 Rs" x:Name="txtvaluefor5" />
```

```

        <Entry Placeholder="Enter no. of coins for 2 Rs" x:Name="txtvaluefor2" />
        <Entry Placeholder="Enter no. of coins for 1 Rs" x:Name="txtvaluefor1" />

        <Label FontSize="Medium" TextColor="Red" x:Name="lblResult" />

<Button Text="SUBMIT" Clicked="btnSubmit" />
    </StackLayout>
</ContentPage.Content>
</ContentPage>

```

Code behind: Page3.xaml.cs

```

using System;
using Xamarin.Forms;
using Xamarin.Forms.Xaml;

namespace MyNewMobileApp
{
    [XamlCompilation(XamlCompilationOptions.Compile)]
    public partial class Page3 : ContentPage
    {
        public Page3()
        {
            InitializeComponent();
        }
        async public void btnSubmit(object sender, EventArgs args)
        {
            int value10 =int.Parse(txtvaluefor10.Text);
            int value5 = int.Parse(txtvaluefor5.Text);
            int value2 = int.Parse(txtvaluefor2.Text);
            int value1 = int.Parse(txtvaluefor1.Text);
            int result = (10 * value10) + (5 * value5) + (2 * value2) + (1 * value1);
            lblResult.Text ="Result:" +result.ToString();
        }
    }
}

```