```
<Window x:Class="BIT.MainWindow"
   xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
   xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
   xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
   xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
   xmlns:local="clr-namespace:BIT"
   mc:Ignorable="d"
   Title="Condition" Height="500" Width="800">
 <Grid>
   <Label Name="lblNumber" Content="Enter Number 1 to 5 to select beverages"</p>
      HorizontalAlignment="Center" VerticalAlignment="Top" FontSize="25" FontWeight="Bold" />
   <TextBox Name="txtInput" Width="250" Height="30"
       HorizontalAlignment="Center" VerticalAlignment="Top" Margin="0,80,0,0"/>
   <Button Content="Using If Statement" Width="200" Height="40" Click="btnIfStatement"
       HorizontalAlignment="Center" VerticalAlignment="Top" Margin="0,130,0,0"/>
   <Button Content="Using Switch Statement" Width="200" Height="40"
       Click="btnSwitchStatement"
       HorizontalAlignment="Center" VerticalAlignment="Top" Margin="0,180,0,0"/>
   <Label Name="lblOutput" Content="" HorizontalAlignment="Center" Margin="0,250,0,0"</p>
VerticalAlignment="Top" FontSize="16" FontWeight="SemiBold" />
 </Grid>
</Window>
```

```
MainWindow.xaml.cs file
```

```
using System. Windows;
namespace BIT
{
  public partial class MainWindow : Window
 {
   public MainWindow()
   {
     InitializeComponent();
   }
   private void btnlfStatement(object sender, RoutedEventArgs e)
   {
     if (string.IsNullOrWhiteSpace(txtInput.Text)) {
       lblOutput.Content = "";
       MessageBox.
         Show("Please Enter a Value");
       return;
     }
     if (int.TryParse(txtInput.Text, out int choice)) {
       string beverage = "";
```

```
if (choice == 1)
   beverage = "Coke";
  else if (choice == 2)
   beverage = "Sprite";
  else if (choice == 3)
   beverage = "Fanta";
 else if (choice == 4)
   beverage = "Pepsi";
  else if (choice == 5)
   beverage = "Mountain Dew";
  else
 {
   lblOutput.Content = "";
   MessageBox.
     Show("Out of range");
   return;
 }
 lblOutput.Content = $"You have selected {beverage}";
else
 lblOutput.Content = "";
  MessageBox.
   Show("Invalid input! Enter a number between 1-5");
```

}

{

```
return;
 }
}
private void btnSwitchStatement(object sender, RoutedEventArgs e)
{
 if (string.IsNullOrWhiteSpace(txtInput.Text))
 {
   lblOutput.Content = "";
    MessageBox.
     Show("Please Enter a Value");
   return;
  }
 if (int.TryParse(txtInput.Text, out int choice))
  {
   string beverage = "";
   switch (choice)
   {
     case 1:
       beverage = "Coke";
       break;
     case 2:
       beverage = "Sprite";
       break;
     case 3:
```

```
break;
         case 4:
           beverage = "Pepsi";
           break;
         case 5:
           beverage = "Mountain Dew";
           break;
         default:
           lblOutput.Content = "";
           MessageBox.
            Show("Out of range");
           return;
       }
       lblOutput.Content = $"You have selected {beverage}";
     }
     else
     {
       lblOutput.Content = "";
       MessageBox.
         Show("Invalid input! Enter a number between 1-5");
       return;
     }
   }
 }
}
```

beverage = "Fanta";