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| Show Picture | 24 |
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Introduction:

Now I am dissection about my photo viewer. A program is a set of advice to tell the computer to perform different things; at times the lessons it has to make depends on what happened when it performed a before instruction. This part gives an general idea of the two main ways in which you can provide these information, or “commands” as they are regularly called. One method uses an prophet, the other a compiler. As human languages are as well not easy for a computer to realize in an definite way, information are usually on paper in one or other languages in particular designed for the purpose.

Design:

Just before build my effort easy at first I practice it.

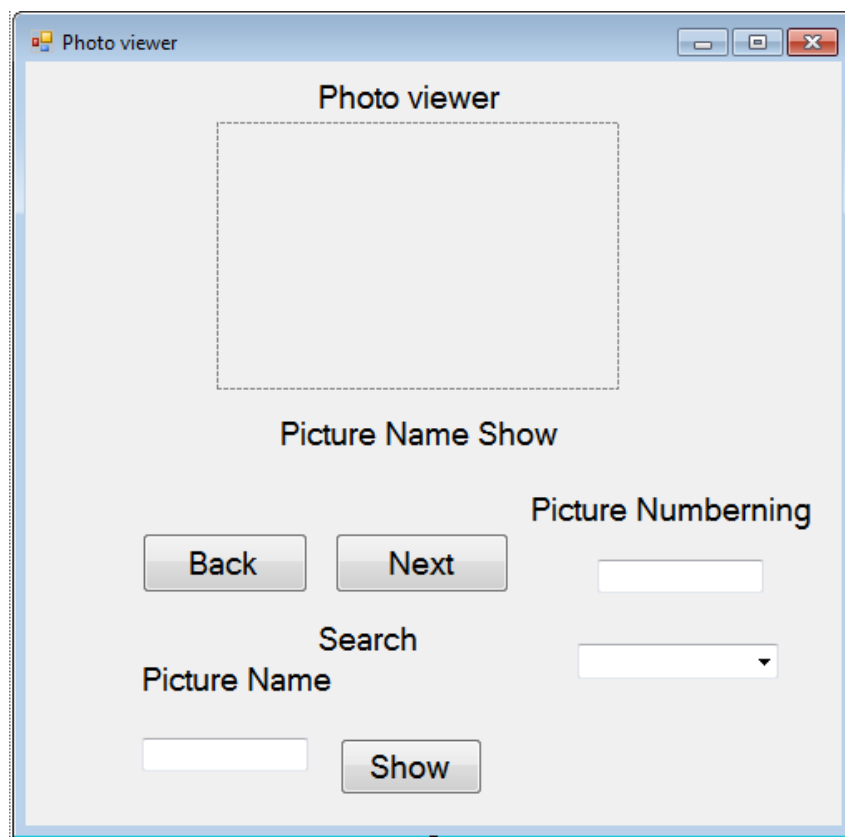


Figure No .1.1: Design of photo viewer.

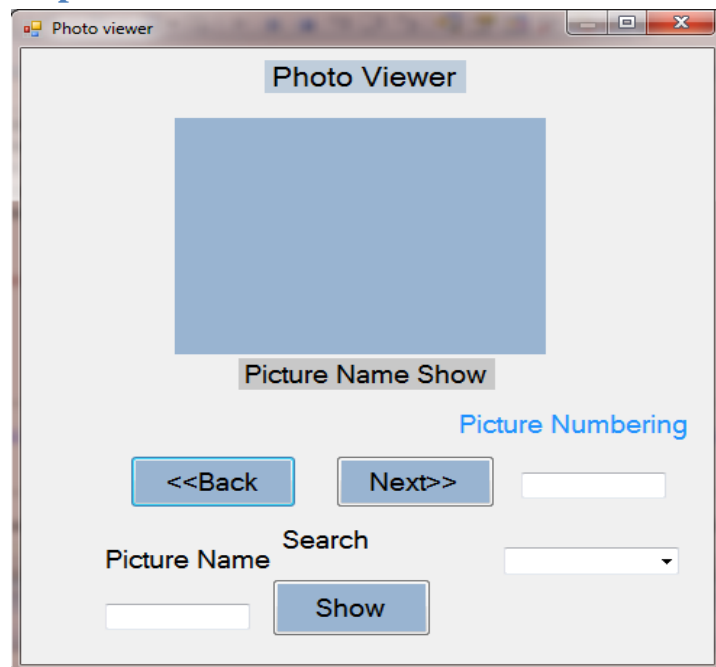
When window is open:

Figure No.1.2: Display of photo viewer.

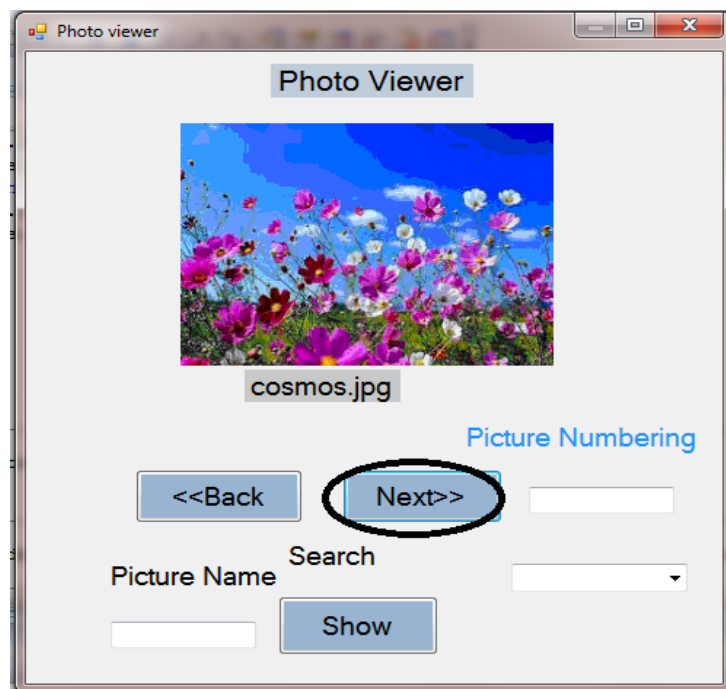
Output:

Figure No.1.3: Display of Next button.

Use of Control:

Now are the particulars regarding my design. Just before total it I get a few buttons, picture box and label. I as well present the details with the purpose of must to modify for the program.

| Controls name | Use of controls |
|---------------|--|
| Button | Used for Next, back, name show |
| Combo Box | Used to selecting picture name |
| Label | Used to the caption |
| Picture box | To display the Picture |
| Text box | Use for Picture numbering and Picture name |

Table1.1: Controls name and use

Name of controls

Here this design to recognize the pedals easily I provide some name. The names are given below-

| Name of controls | Name |
|------------------|---|
| Button | Button1, Button2, Button3. |
| Combo box | Combo box |
| Label | Leble1, Leble2, Leble3, Leble4, Leble5. |
| Picture box | PictureBox1 |
| Text box | Textbox1, Textbox2. |

Table 1. 2: Naming of controls

For variable

Table of variable

| Variable | Details | Type |
|-------------|----------------------|---------|
| Imageindex1 | Use of next and back | integer |
| Imageindex2 | Use of combox1 | integer |
| Imageindex3 | Use of Button3 | integer |
| Imageindex4 | Use of TextBox2 | integer |

Table1. 3: table of variable

Choice of event

| Event | Description |
|-----------|---|
| If | Used for a condition |
| Else | Next condition when if condition is false |
| Else if | New Condition |
| To string | Display string/text |

Table1. 4: table of events

Name of control and changing name

| Control name | Default name | Change name |
|--------------|--------------|-------------|
| Button1 | Button1 | Back |

| | | |
|-----------|-----------|-----------|
| Button2 | Button2 | Next |
| Button3 | Button3 | show |
| ComboBox1 | ComboBox1 | ComboBox1 |
| TextBox2 | TextBox2 | TextBox2 |

Table 1. 5: table of control and changing name

Fonts of colors

| font | colors |
|----------------|---------------------------------|
| New time roman | Light gray and light slate gray |

Table 1.6: fonts of colors

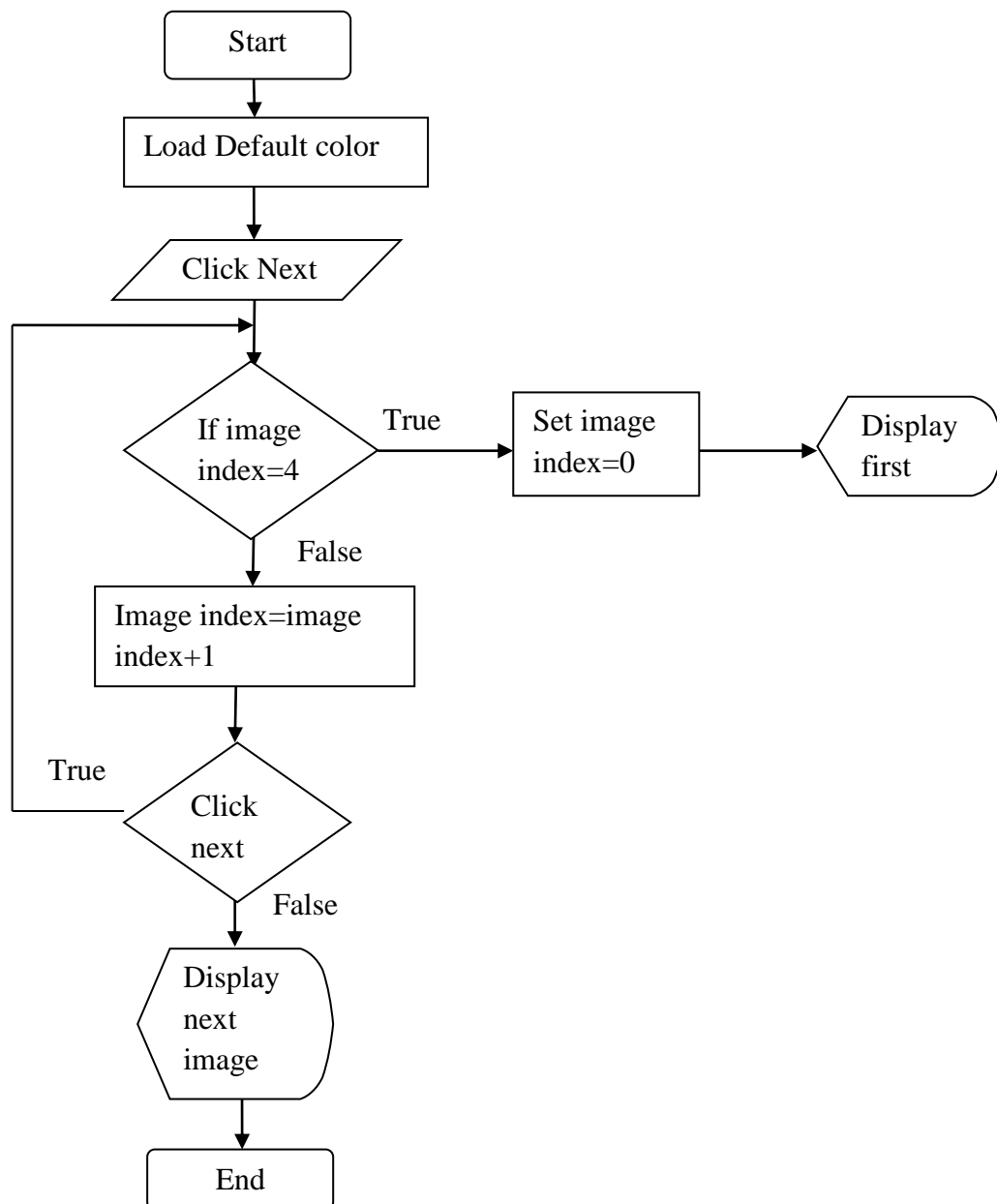
Name of properties

| Name of properties | Default Value of button, combo box, label, picture box, text box | Change values |
|--------------------|--|---|
| Name | Button1, Button2, Button3, ComboBox1, Lable1-Lable5, PictureBox1, TextBox1, TextBox2 | Button1, Button2, Button3, ComboBox1, Lable1-Lable5, PictureBox1, TextBox1, TextBox2 |
| Font | Microsoft sans serif regular-8 | Microsoft sans serif regular-14 |
| Size | 494,507 | 256,180 |
| Text | Button1, Button2, Button3, ComboBox1, Lable1-Lable5, PictureBox1, TextBox1, TextBox2 | Back, Next, Show, ComboBox1, Picture name, Photo viewer, Search, Picture Numbering, Picture name. |

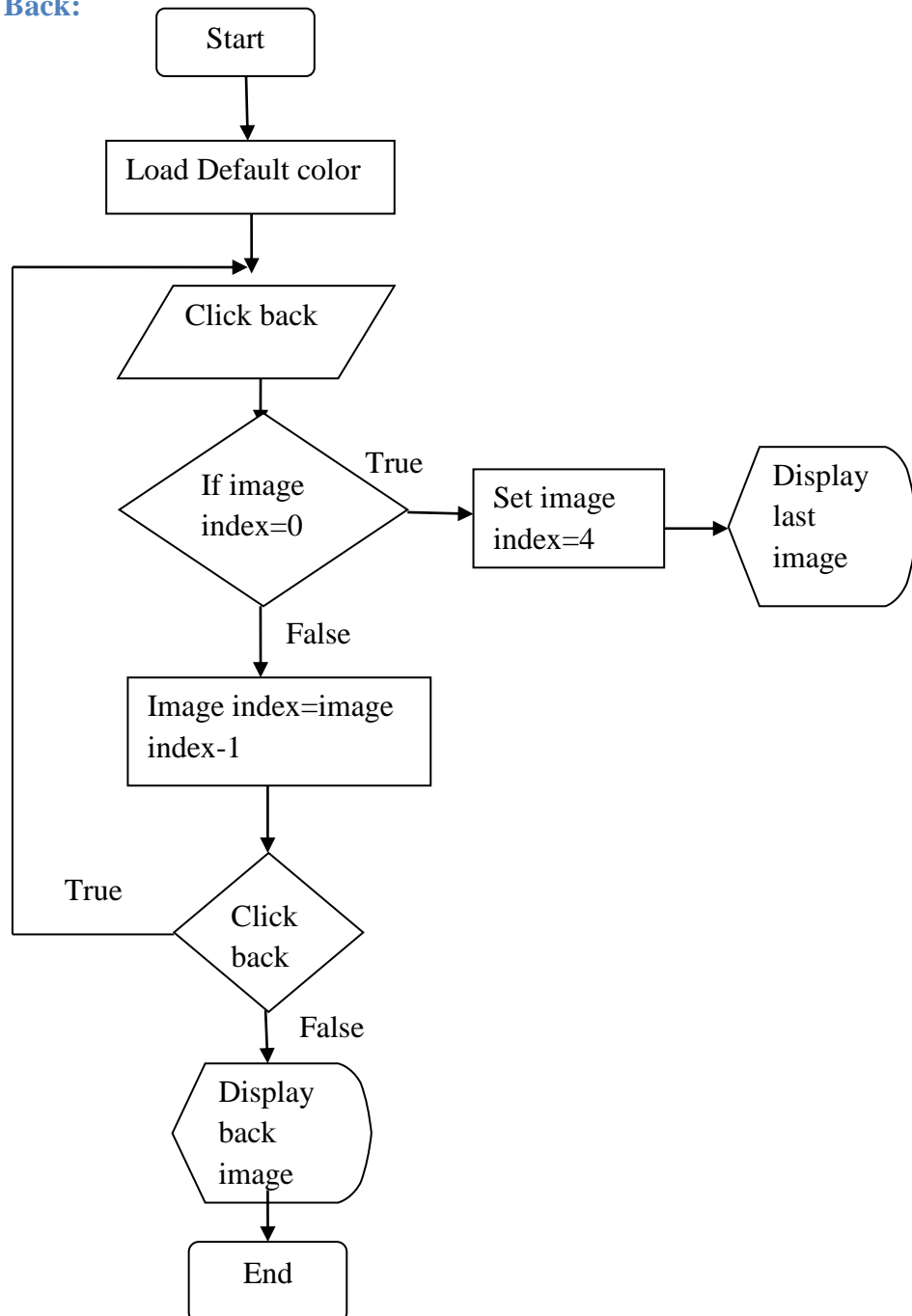
Table 1.7: Name of Properties

Flow chart:

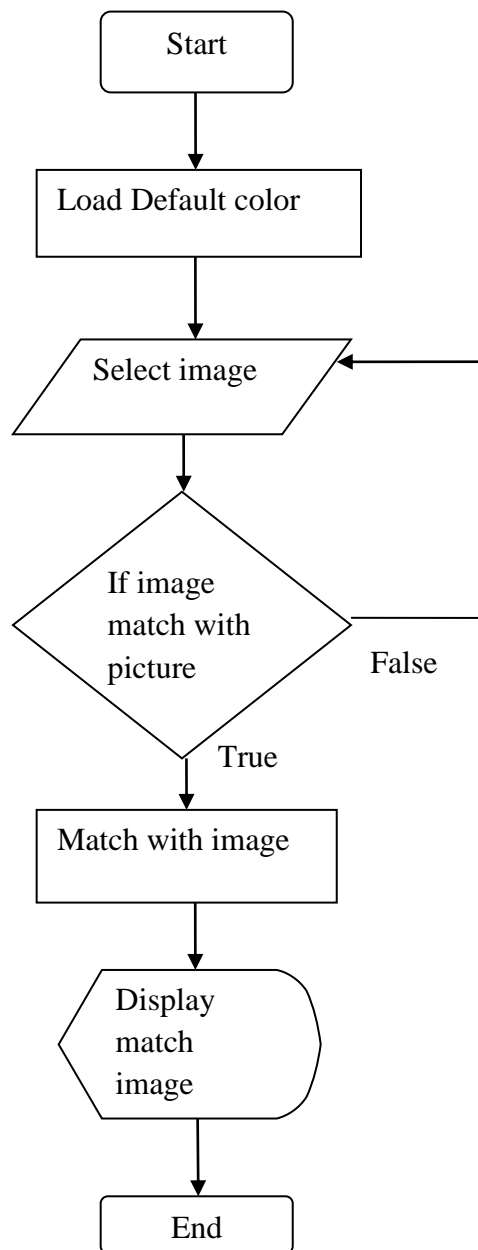
Flow chart For Next:



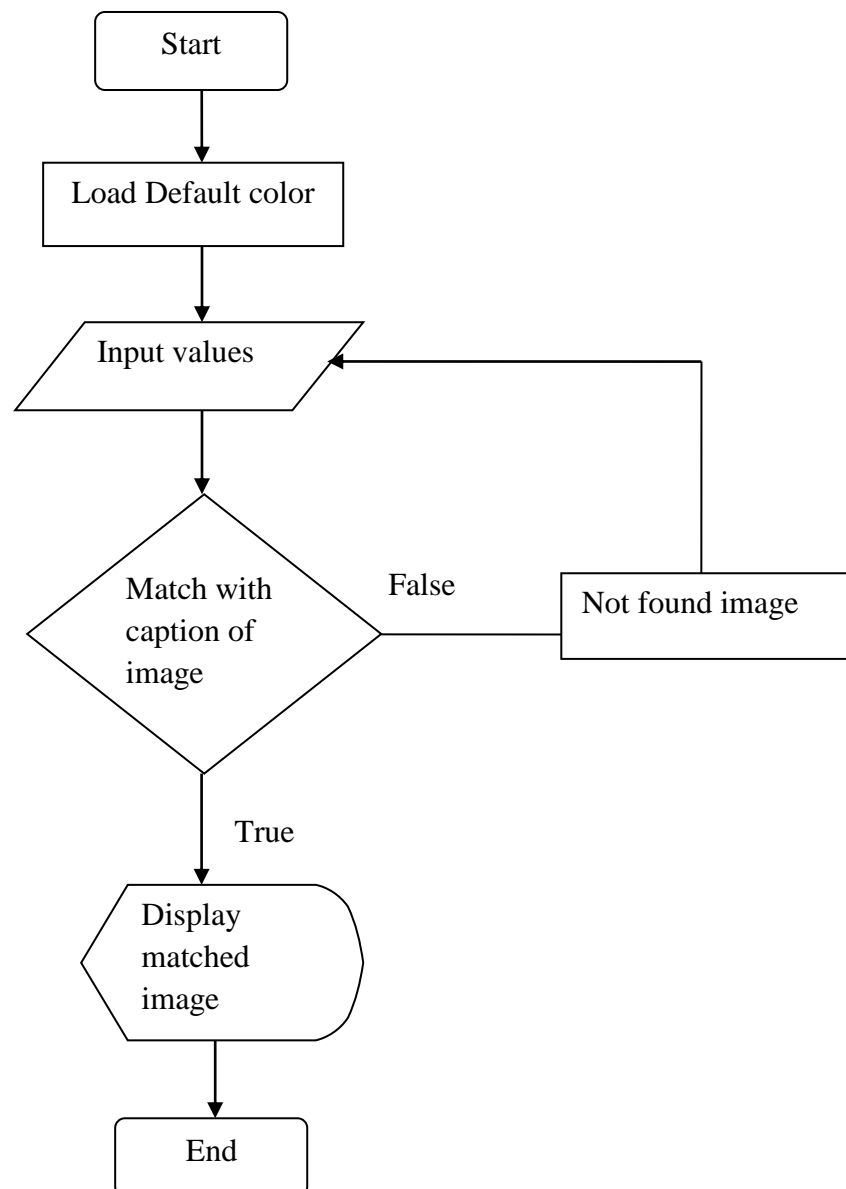
Flow of Constance: first this program is start, then Display show load default color. Then we click on next if image is correct then show in picture on display board as well as if next button click on then picture show one by one and after end.

Flow chart For Back:

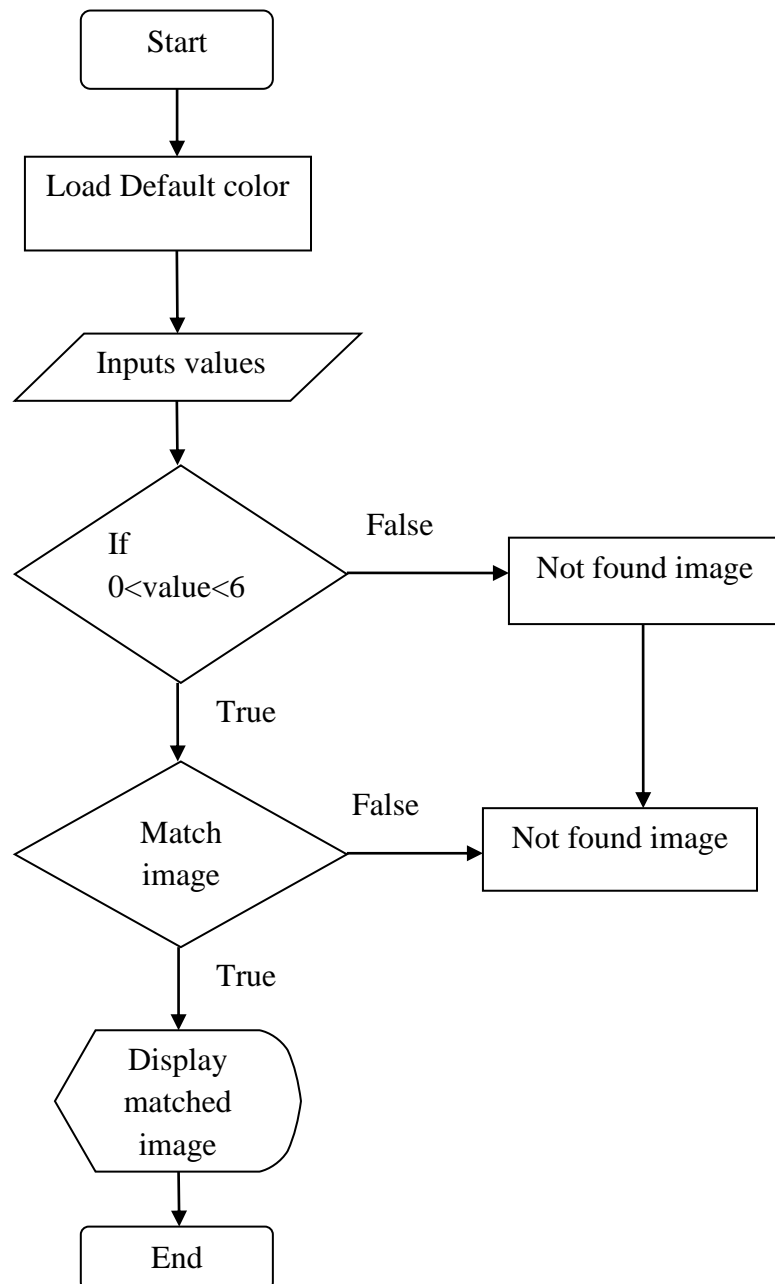
Flow of Constance: first this program is start, then Display show load default color. Then we click on back if image is correct then show in picture on display board as well as if back button click on then picture show one by one and after end.

Flow chart For Combo Box:

Flow of Constance: first this program is start, then Display show load default color. Then we click on combo box if image is correct then show in picture on display board as well as if combo box click on then picture show one by one and after end.

Flow chart For Text Box:

Flow of Constance: first this program is start, then Display show load default color. Then we click on textbox1 if image name is found it is correct then show in picture on display board as well as if textbox1 click on then picture name is wrong then image is not found show and after end.

Flow chart for numbering:

Flow of Constance: first this program is start, then Display show load default color. Then we click on textbox2 numbering if image is correct then show in picture on display board as well as if number click on then picture show one by one and picture number is one to five as well as after end.

Implementation:

For from

```

Form1
Public Class Form1
    Dim imageindex As Short = 0
    Dim imageindex2 As Short = 0
    Dim imageindex3 As Short = 0
    Dim imageindex4 As Short = 0

```

For Button2:

```

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
    'this part for next
    Try
        If imageindex = ImageList1.Images.Count() - 1 Then
            imageindex = 0
            PictureBox1.Image = ImageList1.Images.Item(imageindex)
            Label1.Text = ImageList1.Images.Keys(imageindex).ToString
        Else
            imageindex += 1
            PictureBox1.Image = ImageList1.Images.Item(imageindex)
            Label1.Text = ImageList1.Images.Keys(imageindex).ToString
        End If
    Catch t1 As Exception
        MsgBox("wrong")
    End Try
End Sub

```

For Button1:

```

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
    'this part for back
    Try
        If imageindex = 0 Then
            imageindex = ImageList1.Images.Count() - 1
            PictureBox1.Image = ImageList1.Images.Item(imageindex)
            Label1.Text = ImageList1.Images.Keys(imageindex).ToString
        Else
            imageindex -= 1
            PictureBox1.Image = ImageList1.Images.Item(imageindex)
            Label1.Text = ImageList1.Images.Keys(imageindex).ToString
        End If
    Catch t2 As Exception
        MsgBox("wrong")
    End Try
End Sub

```

For Combo Box1:

```

Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ComboBox1.SelectedI
    'this part for combobox1 selected picture
    If ComboBox1.SelectedItem = "blue-daisy" Then
        PictureBox1.Image = ImageList1.Images.Item(imageindex2 + (0))
        Label1.Text = ImageList1.Images.Keys(imageindex2 + (0))
    ElseIf ComboBox1.SelectedItem = "cosmos" Then
        PictureBox1.Image = ImageList1.Images.Item(imageindex2 + (1))
        Label1.Text = ImageList1.Images.Keys(imageindex2 + (1))
    ElseIf ComboBox1.SelectedItem = "Rose" Then
        PictureBox1.Image = ImageList1.Images.Item(imageindex2 + (2))
        Label1.Text = ImageList1.Images.Keys(imageindex2 + (2))
    ElseIf ComboBox1.SelectedItem = "Sunflower" Then
        PictureBox1.Image = ImageList1.Images.Item(imageindex2 + (3))
        Label1.Text = ImageList1.Images.Keys(imageindex2 + (3))
    ElseIf ComboBox1.SelectedItem = "orcid" Then
        PictureBox1.Image = ImageList1.Images.Item(imageindex2 + (4))
        Label1.Text = ImageList1.Images.Keys(imageindex2 + (4))
    End If
End Sub

```

For Button3:

```

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
    'this part for show the picture
    Try
        If TextBox1.Text = "blue-daisy" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex3 + (0))
            Label1.Text = ImageList1.Images.Keys(imageindex3 + (0))
        ElseIf TextBox1.Text = "cosmos" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex3 + (1))
            Label1.Text = ImageList1.Images.Keys(imageindex3 + (1))
        ElseIf TextBox1.Text = "Rose" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex3 + (2))
            Label1.Text = ImageList1.Images.Keys(imageindex3 + (2))
        ElseIf TextBox1.Text = "Sunflower" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex3 + (3))
            Label1.Text = ImageList1.Images.Keys(imageindex3 + (3))
        ElseIf TextBox1.Text = "orcid" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex3 + (4))
            Label1.Text = ImageList1.Images.Keys(imageindex3 + (4))
        Else
            MsgBox("not found")
        End If
    Catch t3 As Exception
        MsgBox("wrong")
    End Try
End Sub

```

For TextBox2:

```

3 Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged
    'this part for textbox2 numbring
    PictureBox1.Refresh()
    Try
        If TextBox2.Text = "1" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex4 + (0))
            Label1.Text = ImageList1.Images.Keys(imageindex4 + (0))
        ElseIf TextBox2.Text = "2" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex4 + (1))
            Label1.Text = ImageList1.Images.Keys(imageindex4 + (1))
        ElseIf TextBox2.Text = "3" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex4 + (2))
            Label1.Text = ImageList1.Images.Keys(imageindex4 + (2))
        ElseIf TextBox2.Text = "4" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex4 + (3))
            Label1.Text = ImageList1.Images.Keys(imageindex4 + (3))
        ElseIf TextBox2.Text = "5" Then
            PictureBox1.Image = ImageList1.Images.Item(imageindex4 + (4))
            Label1.Text = ImageList1.Images.Keys(imageindex4 + (4))
        End If
    Catch t4 As Exception
        MsgBox("wrong")
    End Try
End Sub

```

Individual Testing

Testing for picture name:

| Test case no | User input | System output | Actual output | Remark |
|--------------|------------|----------------|----------------|---------|
| 1 | blue-daisy | blue-daisy.jpg | blue-daisy.jpg | correct |
| 2 | cosmos | Cosmos.jpg | Cosmos.jpg | correct |
| 3 | Rose | Rose.jpg | Rose.jpg | correct |
| 4 | Sunflower | Sunflower.jpg | Sunflower.jpg | correct |
| 5 | orcid | Orcid.jpg | Orcid.jpg | correct |
| 6 | wrong | Not found | Not found | correct |

Table 2.1-name of picture



Figure No.2.1: Display of picture name.

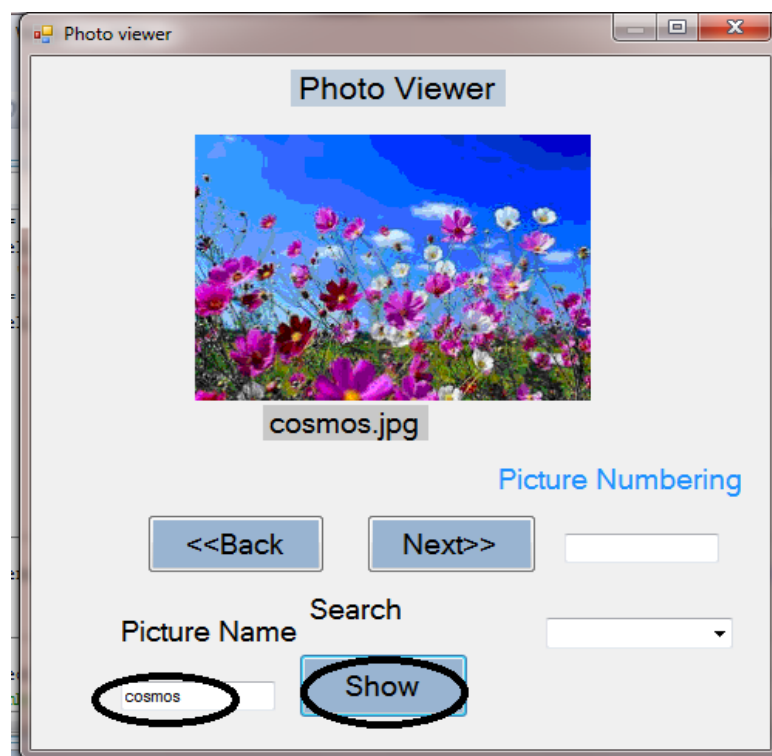


Figure No.2.2: Display of picture name.

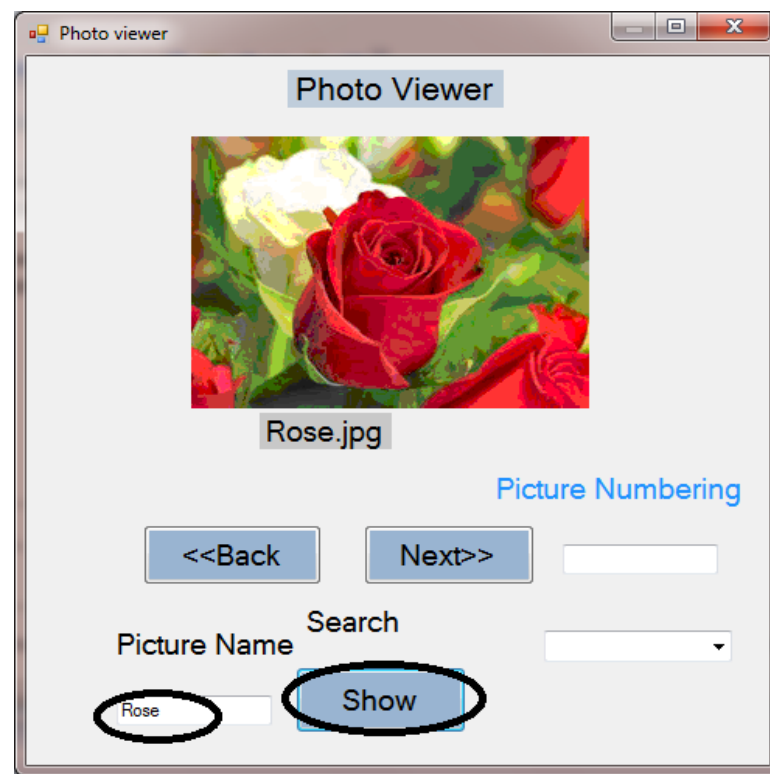


Figure No.2.3: Display of picture name.

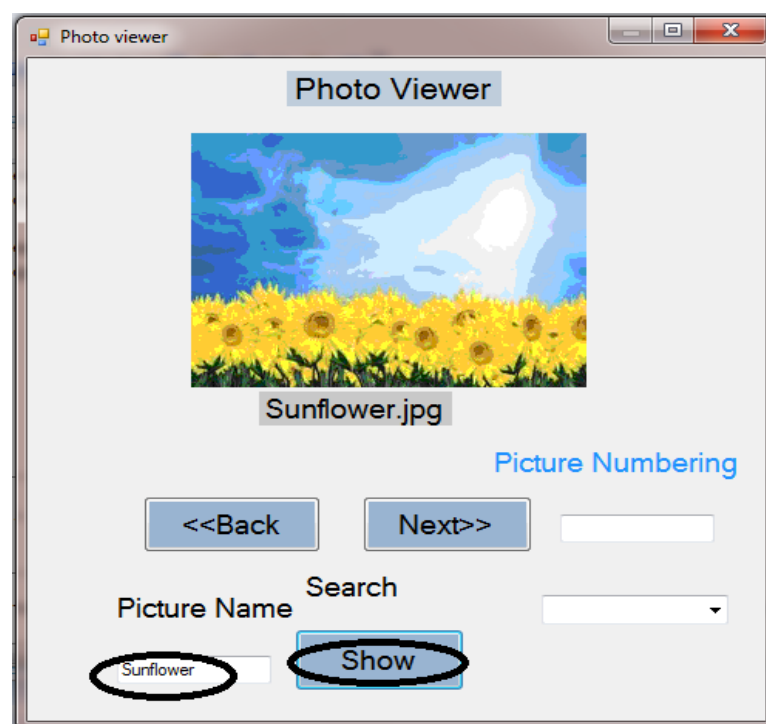


Figure No.2.4: Display of picture name.

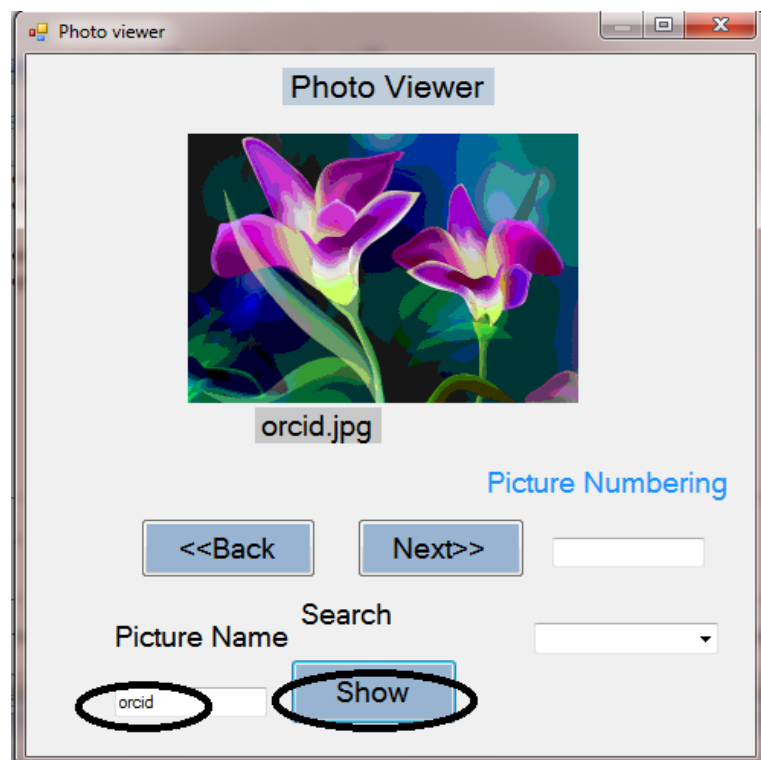


Figure No.2.5: Display of wrong picture name.

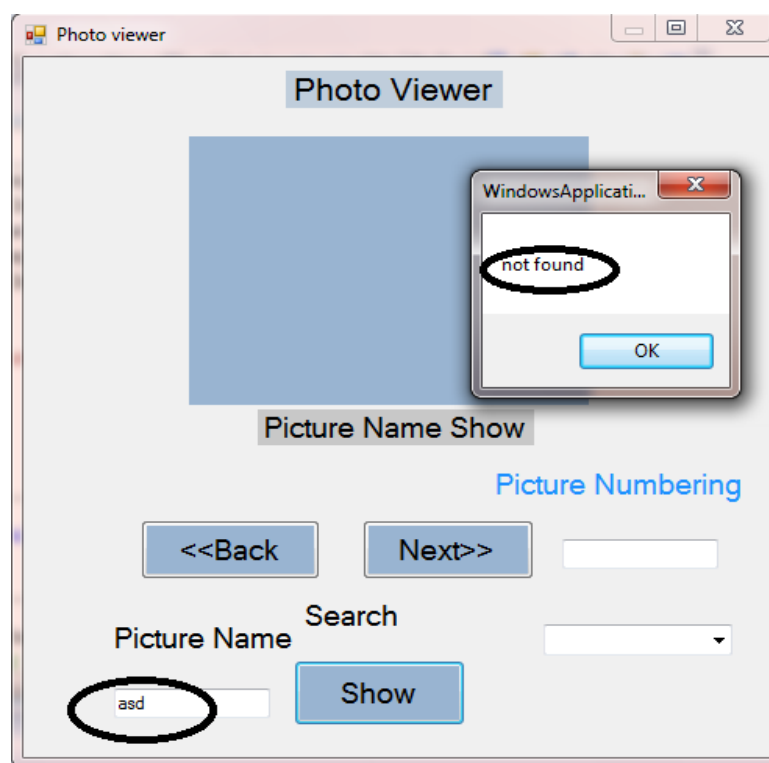


Figure No.2.6: Display of picture name.

Testing for picture numbering

| Test case no | User input | System output | Actual output | Remarks |
|--------------|------------|---------------|----------------|---------|
| 1 | 1 | blue daisy | blue daisy.jpg | correct |
| 2 | 2 | cosmos | Cosmos.jpg | correct |
| 3 | 3 | Rose | Rose.jpg | correct |
| 4 | 4 | Sunflower | Sunflower.jpg | correct |

Table 2.2- picture numbering

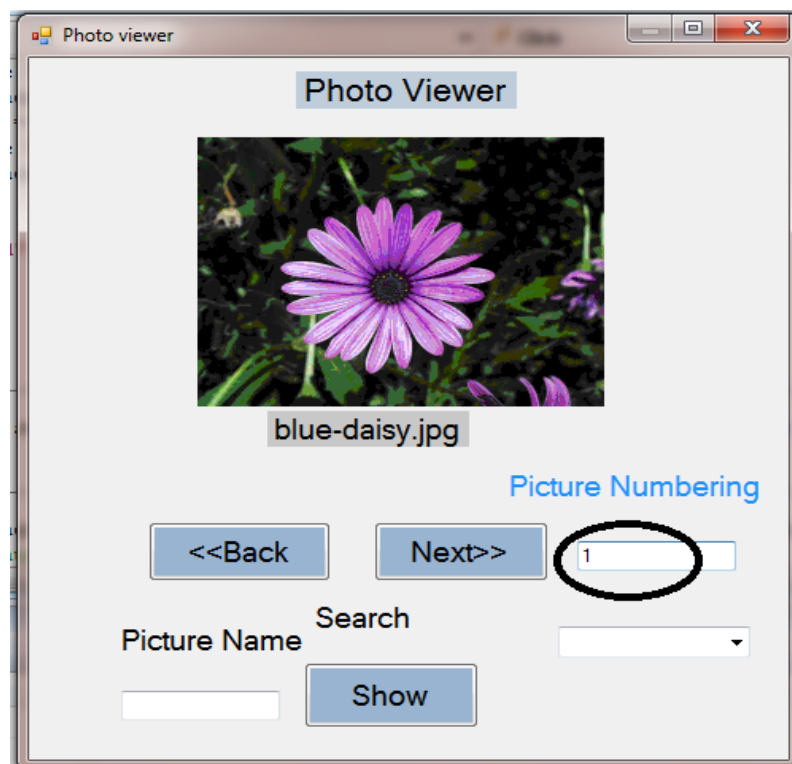


Figure No.3.1: Display of numbering.

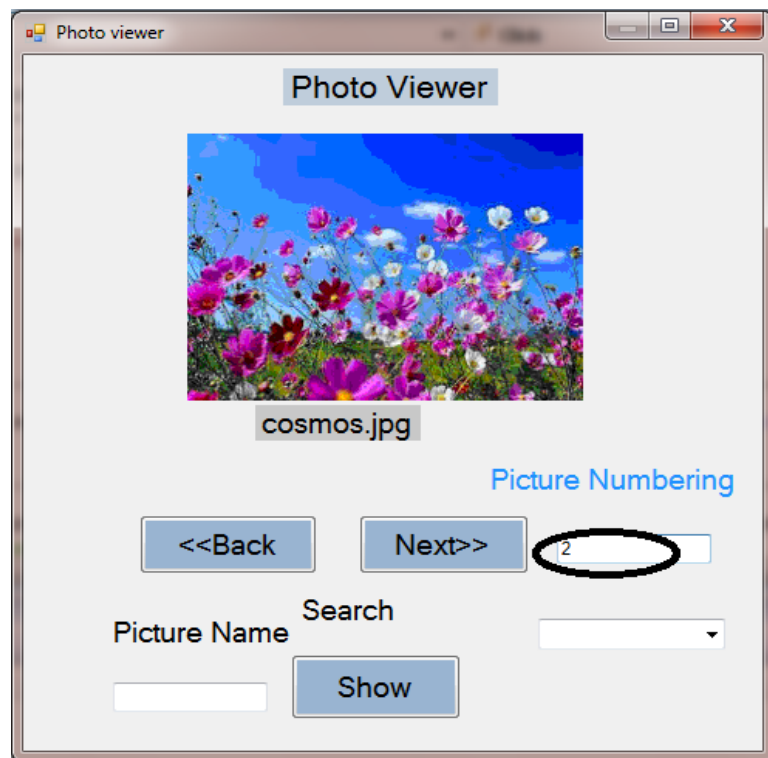


Figure No.3.2: Display of numbering.

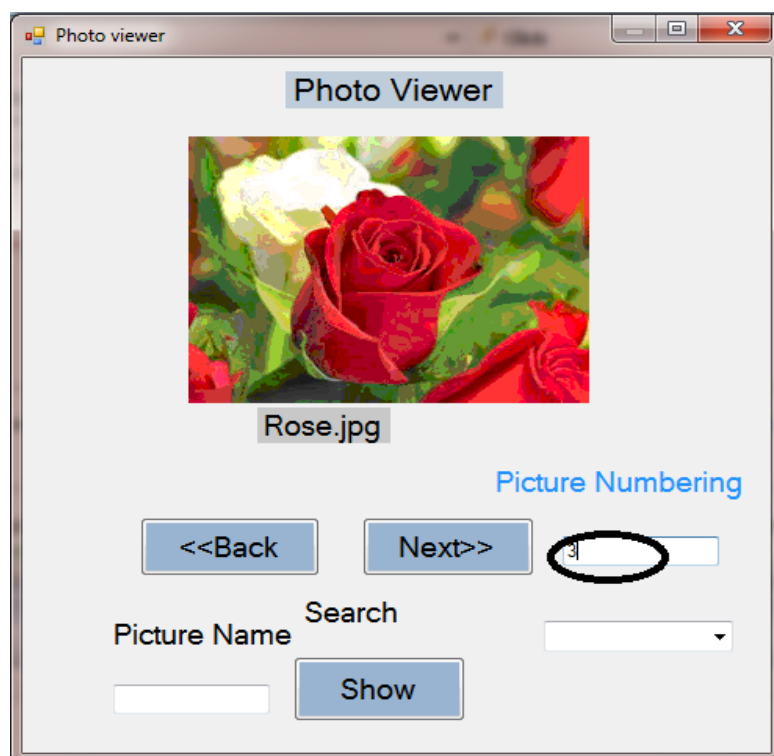


Figure No.3.3: Display of numbering.

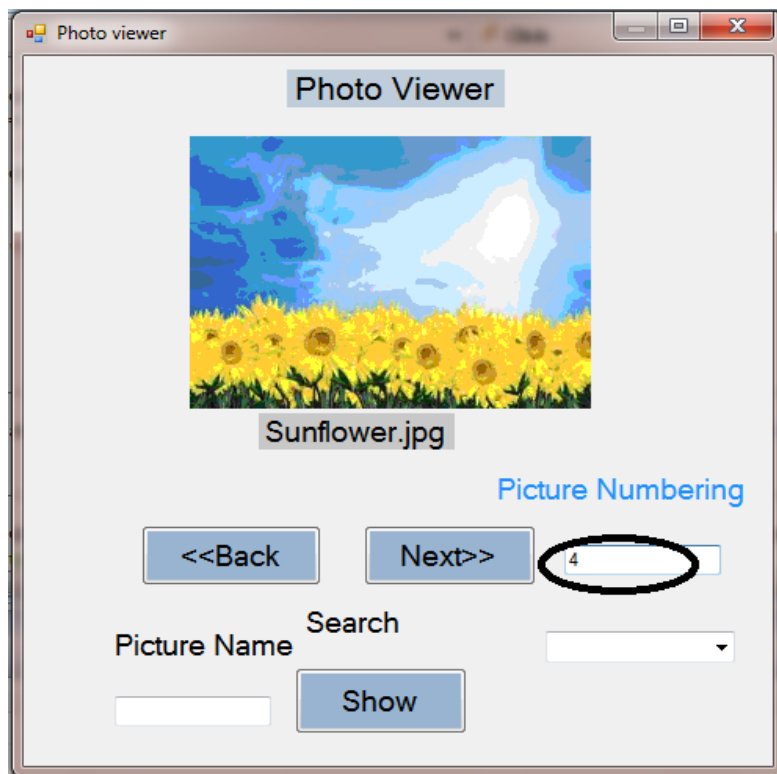


Figure No.3.4: Display of numbering.

Testing for caption:

| Test case no | User input | System output | Actual output | Remark |
|--------------|------------|----------------------|----------------------|---------|
| 1 | Lable1 | Show in picture name | Show in picture Name | correct |
| 2 | Lable2 | Photo viewer | Photo viewer | correct |
| 3 | Lable3 | Search | Search | correct |
| 4 | Lable4 | Picture Numbering | Picture Numbering | correct |
| 5 | Lable5 | Picture name | Picture name | correct |

Table 2-.3-name of caption

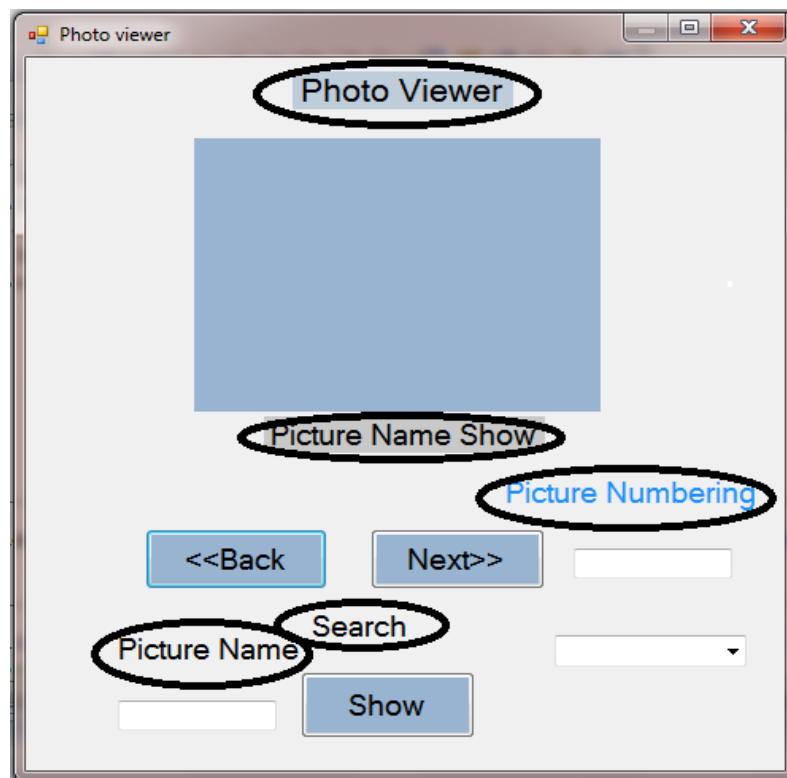


Figure No.4.1: Display of caption.

Testing for next and back button:

| Test case no | User input | System output | Actual output | Remarks |
|--------------|------------|---------------|---------------|---------|
| 1 | Button2 | Next | Picture no2 | correct |
| 2 | Button2 | Next | Picture no3 | correct |
| 3 | Button2 | Next | Picture no4 | correct |
| 4 | Button2 | Next | Picture no5 | correct |
| 5 | Button2 | Next | Picture no1 | correct |
| 6 | Button1 | Back | Picture no5 | correct |
| 7 | Button1 | Back | Picture no4 | correct |
| 8 | Button1 | Back | Picture no3 | correct |
| 9 | Button1 | Back | Picture no2 | correct |
| 10 | Button1 | Back | Picture no1 | correct |

Table 2.4-table of next and back Button

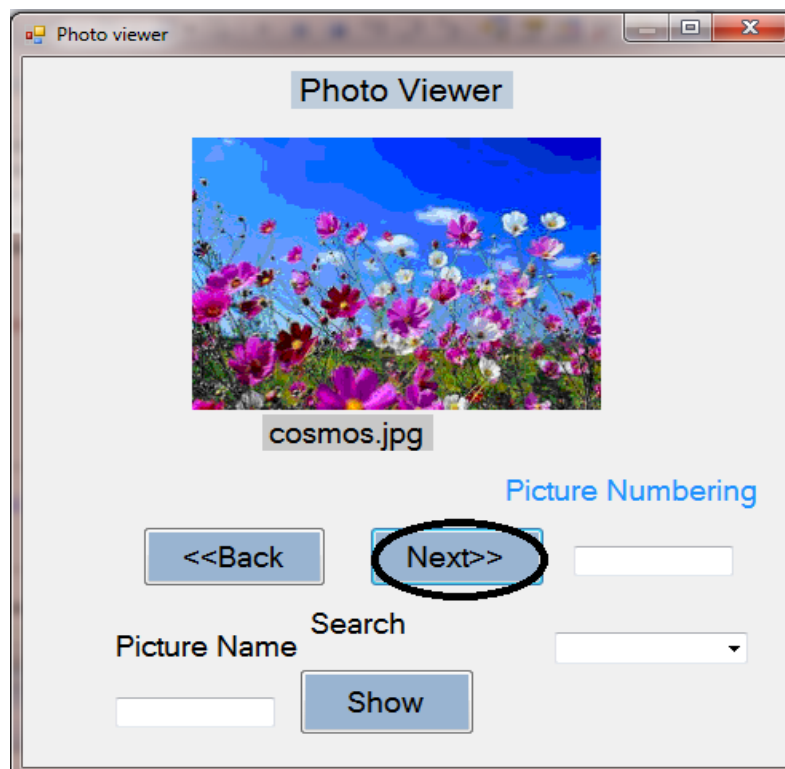


Figure No.5.1: Display of Next button.

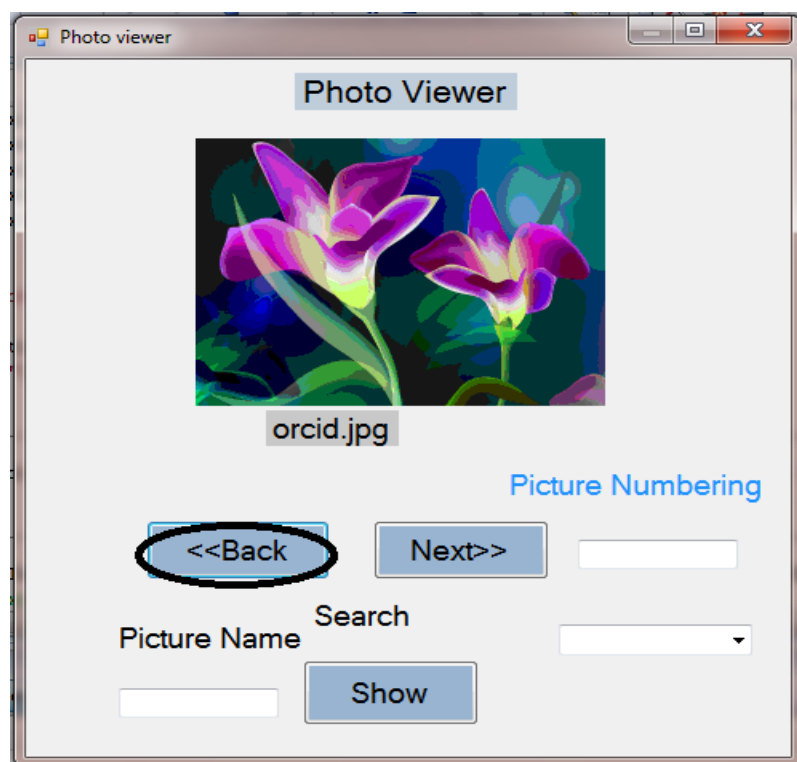


Figure No.5.2: Display of Next button.

Testing for Combo Box:

| Test case no | User input | System output | Actual output | Remarks |
|--------------|------------|----------------|---------------|---------|
| 1 | ComboBox1 | Select Picture | Show Picture | Correct |
| 2 | ComboBox1 | Select picture | Show Picture | Correct |

Table 2.5-table of combo Box

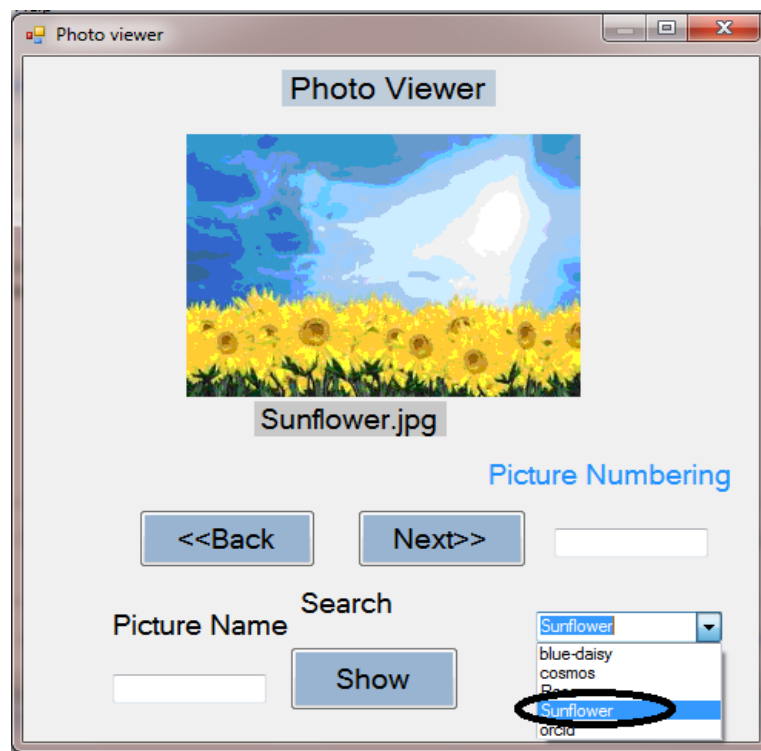


Figure No.6.1: select of combo box picture.

Integration testing

| Test case no | Test case details | input | Output | Actual output | Remarks |
|--------------|---|------------|----------------|----------------|---------|
| 1 | If user input 1,output will be that image | blue-daisy | blue-daisy.jpg | blue-daisy.jpg | correct |
| 2 | If user input 2,output will be that image | cosmos | Cosmos.jpg | Cosmos.jpg | correct |
| 3 | If user input 3,output will be that image | Rose | Rose.jpg | Rose.jpg | correct |
| 4 | If user input 4,output will be that image | Sunflower | Sunflower.jpg | Sunflower.jpg | correct |
| 5 | If user input 5,output will be that image | orcid | Orcid.jpg | Orcid.jpg | correct |
| 6 | If user input blue-daisy, output will be that image | blue-daisy | blue-daisy.jpg | blue-daisy.jpg | correct |
| 7 | If user input cosmos, output will be that image | cosmos | Cosmos.jpg | Cosmos.jpg | correct |
| 8 | If user input Rose, output will be that image | Rose | Rose.jpg | Rose.jpg | correct |
| 9 | If user input sunflower, output will be that image | Sunflower | Sunflower.jpg | Sunflower.jpg | correct |
| 10 | If user input orcid, output will be that image | orcid | Orcid.jpg | Orcid.jpg | correct |
| 11 | If user input default Name, output will be that image | wrong | Not found | Not found | correct |
| 12 | If user input Button2,output will be that image | Next | Cosmos.jpg | Cosmos.jpg | correct |
| 13 | If user input | Next | Rose.jpg | Rose.jpg | correct |

| | | | | | |
|----|---|--------|-------------------|-----------------------|---------|
| | Button2,output will be that image | | | | |
| 14 | If user input Button2,output will be that image | Next | Sunflower.jpg | Sunflower.jpg | correct |
| 16 | If user input Button2,output will be that image | Next | Orcid.jpg | Orcid.jpg | correct |
| 17 | If user input Button2,output will be that image | Next | blue-daisy.jpg | blue-daisy.jpg | correct |
| 18 | If user input Button1,output will be that image | Back | Orcid.jpg | Orcid.jpg | correct |
| 19 | If user input Button1,output will be that image | Back | Sunflower.jpg | Sunflower.jpg | correct |
| 20 | If user input Button1,output will be that image | Back | Rose.jpg | Rose.jpg | correct |
| 21 | If user input Button1,output will be that image | Back | Cosmos.jpg | Cosmos.jpg | correct |
| 22 | If user input Button1,output will be that image | Back | blue-daisy.jpg | blue-daisy.jpg | correct |
| 23 | If user input Lable1,output will be that image | Label1 | Picture name show | Picture name changing | correct |
| 24 | If user input Lable2,output will be that image | Label2 | Photo viewer | Photo viewer | correct |
| 25 | If user input Lable3,output will be that image | Label3 | search | search | correct |
| 26 | If user input Lable4,output will be that image | Label4 | Picture numbering | Picture numbering | correct |

| | | | | | |
|----|--|---------------------|------------------|------------------|---------|
| | image | | | | |
| 27 | If user input Lable5,output will be that image | Label5 | Picture name | Picture name | correct |
| 28 | If user input ComboBox1 Select Picture, output will be that image. | Select Picture Name | Show the picture | Show the picture | correct |
| 29 | If user input ComboBox1 Select Picture, output will be that image | Select Picture Name | Show the picture | Show the picture | correct |

Publish Exe file:

First from coding, click on build, then click on publish photo viewer, then show in publish wizard file then click on next. After click on next and next then after click on finish as well as this program is ready.

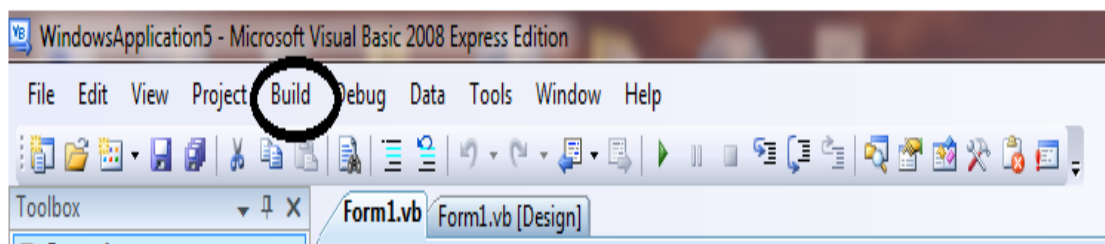


Figure No.7.1: click on Build

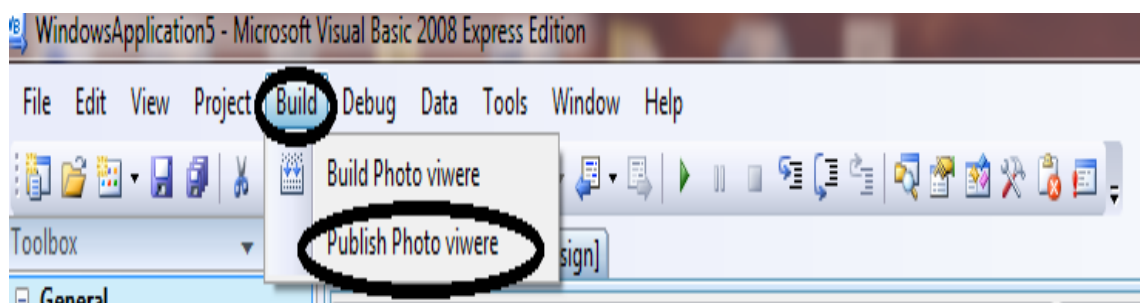


Figure No.7.2: click on Photo viewer

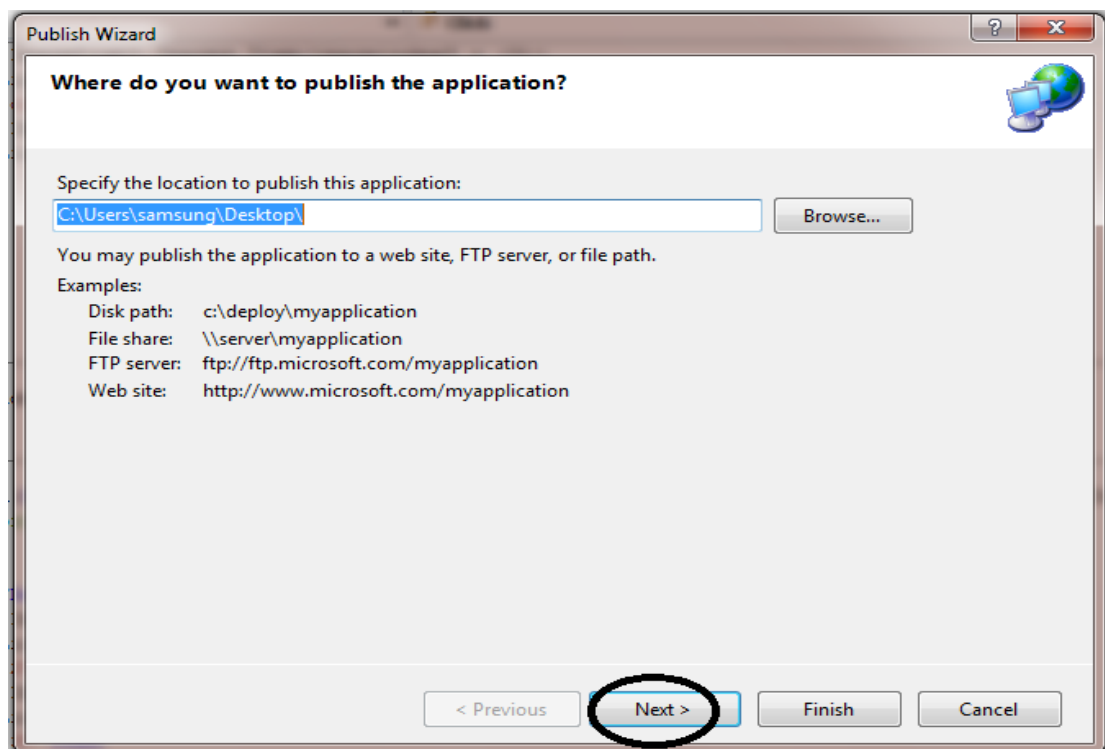


Figure No.7.3: click on next

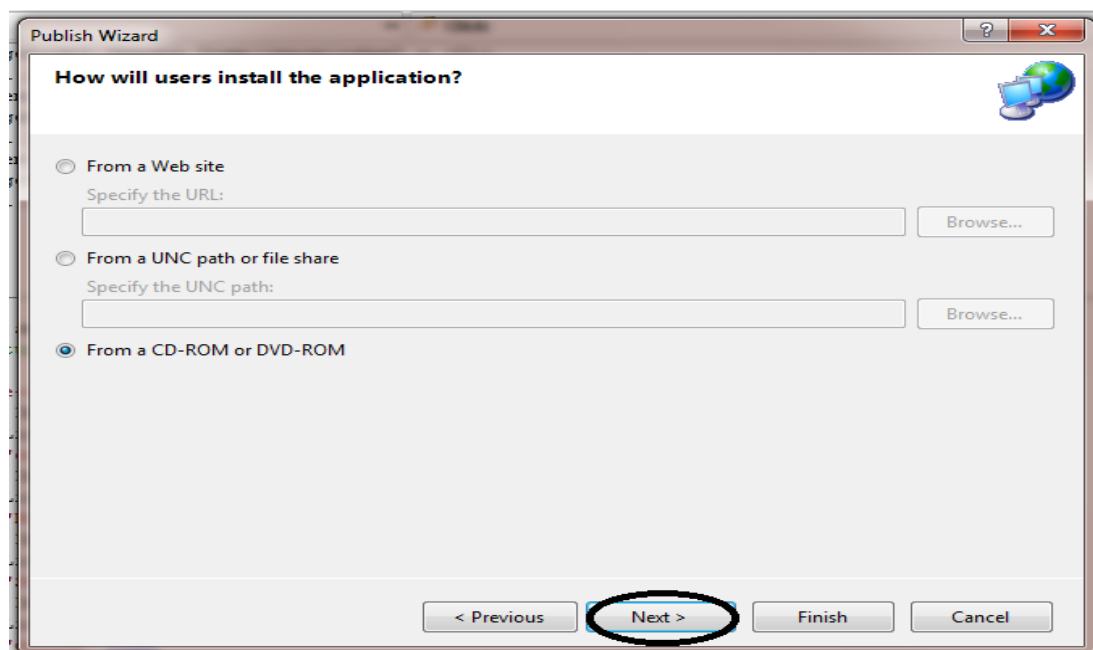


Figure No.7.4: click on Next.

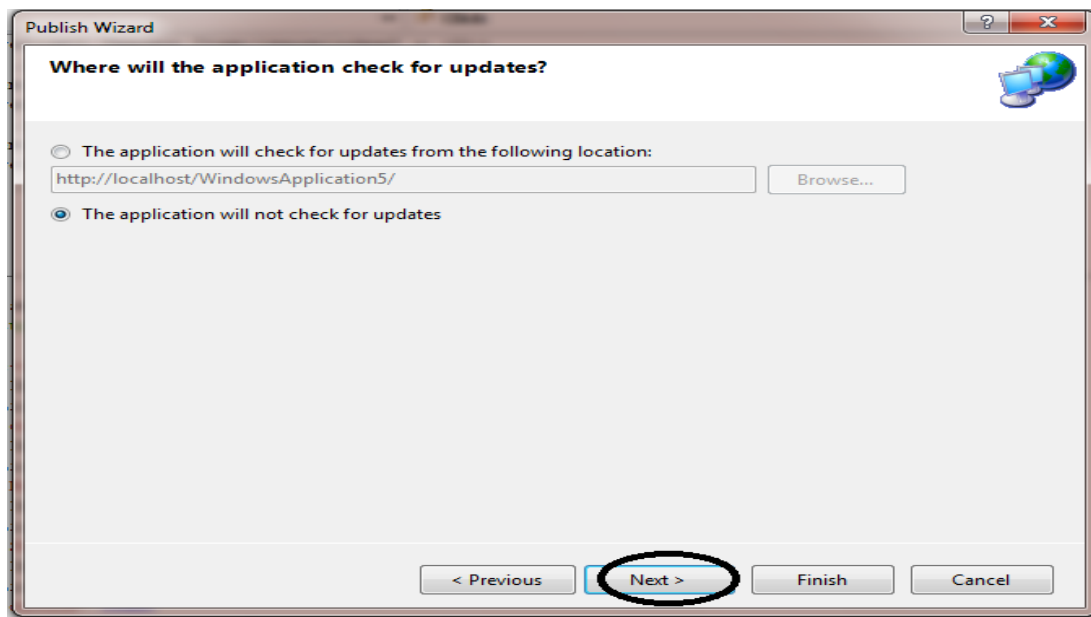


Figure No.7.5: click on Next.

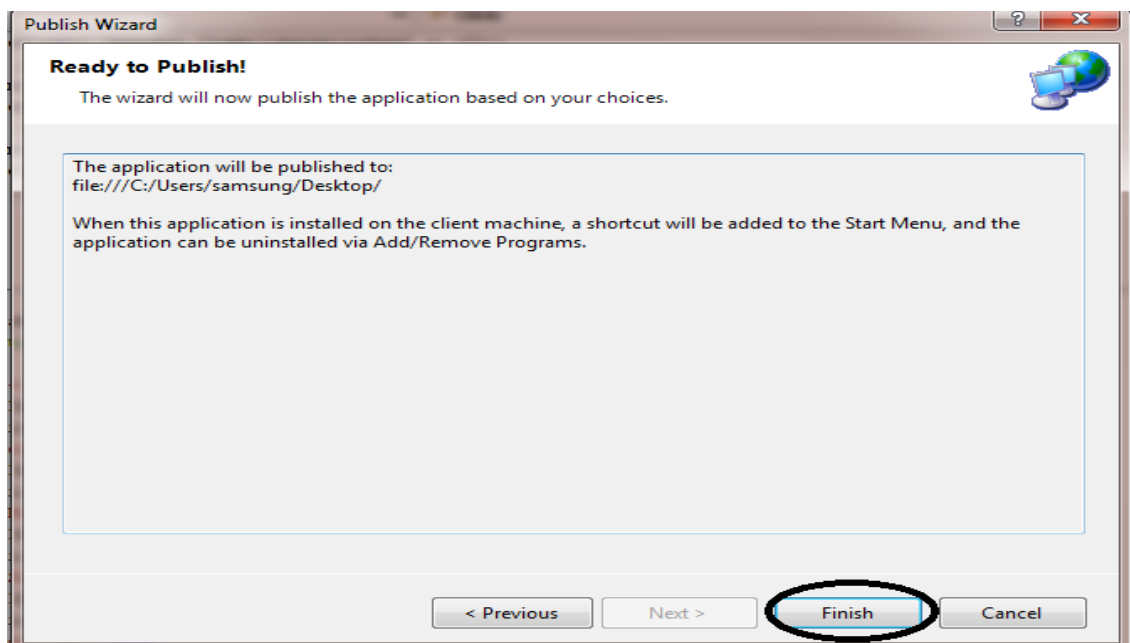


Figure No.7.6: click on Finish.

User Guide

Introduction to the system:

This system will help to select choice combo box, textbox, picture box and button. Using this system user can change the picture and the box also. By using the combo box user can change the picture one by one.

Step by step user instructions:

Installation

Hardware requirement

- Pentium 3 or upper machine
- Applicable for note book also

Software requirement

- Window xp, window7 and 8 like operating systems

Instructions

- Double click the file setup. Then click next.
- Setup will be complete.
- Enjoy the program.

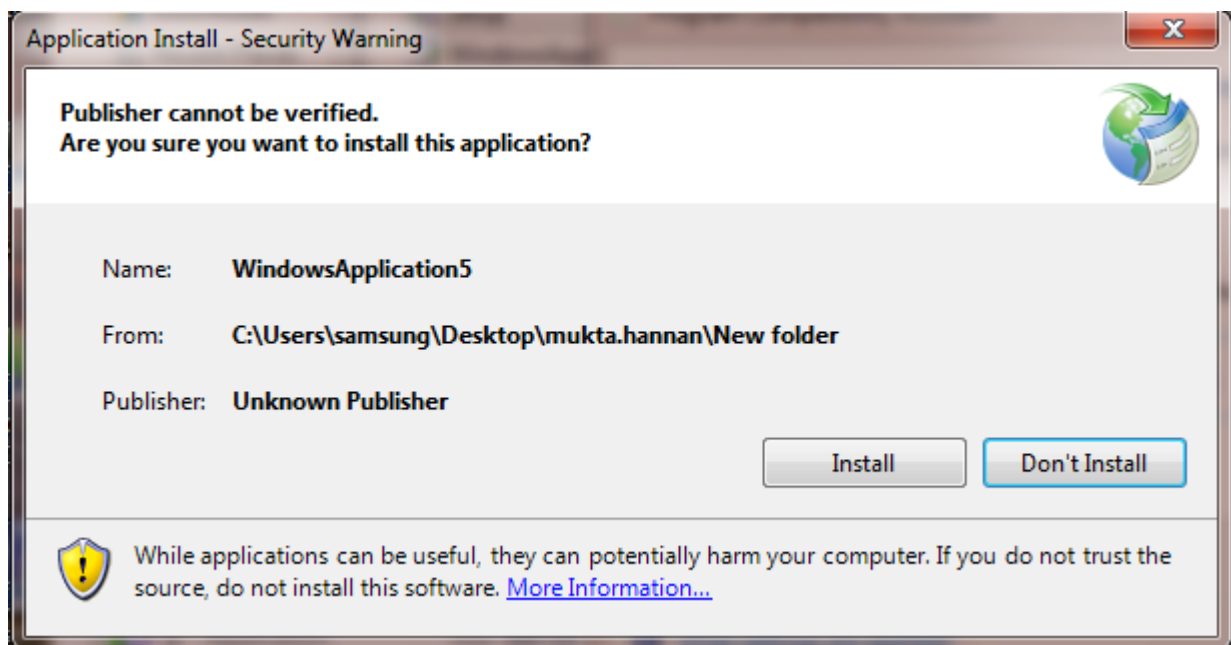


Figure No.8.1: Install Exe file

Conclusion:

To solve this problem I take a form. In the form I designed my idea. To design it I choose so many controls and change their names. In this program I use some event. Finally I solve the problem and it run successfully.

Reference:

- <https://www.google.com.bd/search?q=picture+of+flower+in+bangladesg&ie=utf-8&oe=utf-8&rls=org.mozilla:en-US:official&client=firefox->
- https://www.google.com.bd/search?q=picture+of+flower+in+bangladesg&ie=utf-8&oe=utf-8&rls=org.mozilla:en-US:official&client=firefox-beta&channel=np&source=hp&gws_rd=cr&ei=2tX5UoPFC47GrAfuhYGADA
- <http://www.webcrawler.com/info.wbcrl.305.07/search/web?q=flowers+of+bangladesh&cid=139527998&ad.network=g&ad.keyword=flowers%20of%20bangladesh&ad.creative=25781959118&ad.position=1t1&ad.placement=&ad.matchtype=b&ad.aceid=&ad.ismobile=&ad.device=c&ad.devicemodel=&ad.segment=info.wbcrl.305.07>
- <http://www.webcrawler.com/info.wbcrl.305.07/search/web?q=flowers+of+bangladesh&cid=139527998&ad.network=g&ad.keyword=flowers%20of%20bangladesh&ad.creative=25781959118&ad.position=1t1&ad.placement=&ad.matchtype=b&ad.aceid=&ad.ismobile=&ad.device=c&ad.devicemodel=&ad.segment=info.wbcrl.305.07>