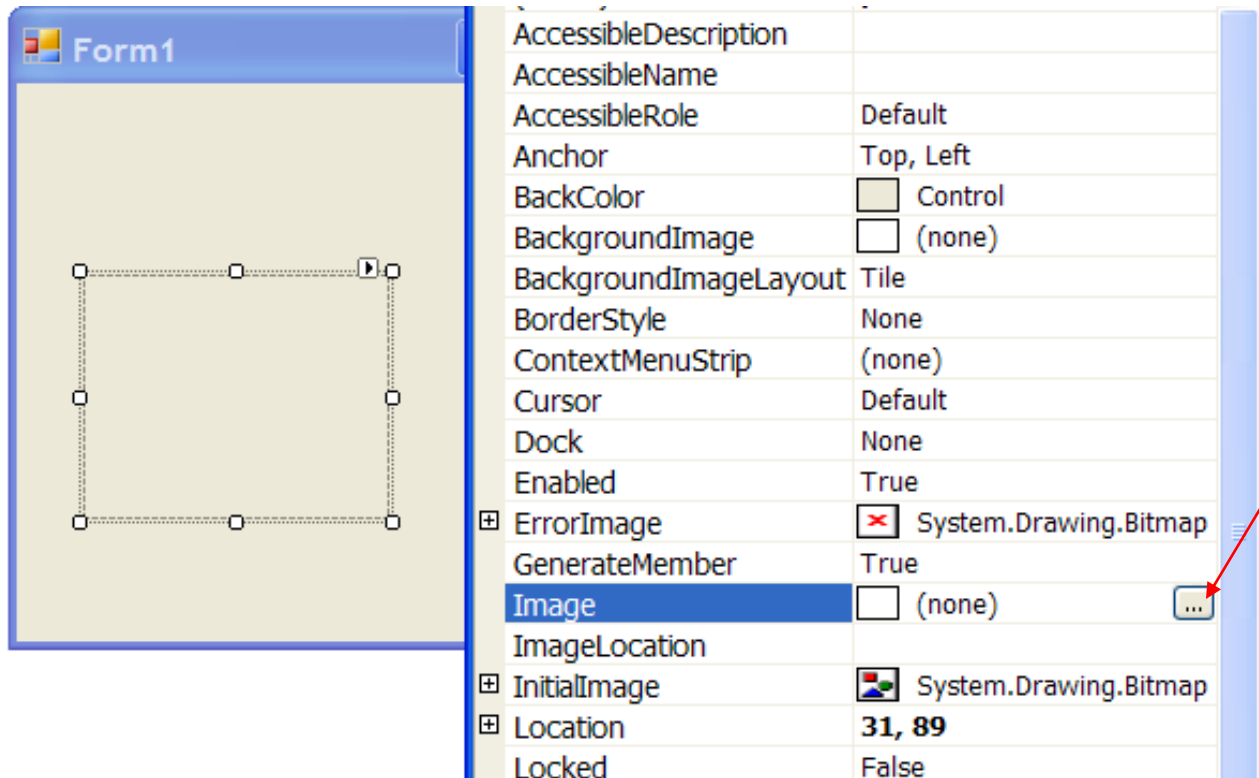


Images and PictureBoxes

A PictureBox is a frame or a container for an image much the same way as a text box is a container for text.

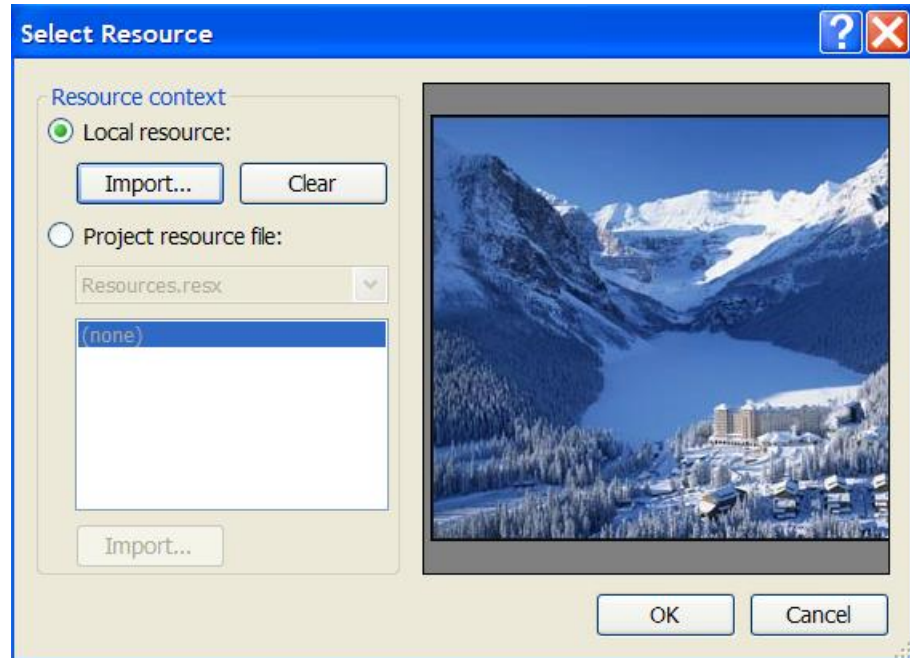
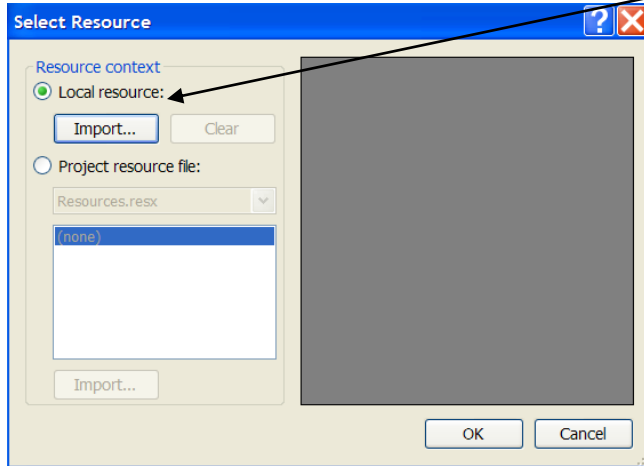
The easiest way to load an image in a picture box is to set its image property. When you click on the image property, a browser window opens which allows the user to choose the image.



click here to
browse for
image.

Browse for Image

Make sure Local Resource radio button is chosen then click import button.



Visible Property

```
Private Sub btnShow_Click(ByVal sender As  
    picBanff.Visible = True  
End Sub
```

```
Private Sub btnHide_Click(ByVal sender As  
    picBanff.Visible = False  
End Sub
```

You can set the visible properties of the picture box as either true or false.

Loading Images Dynamically

Just as an integer can be declared eg. Dim my age As Integer

an image may also be declared.

```
Dim imgSomePicture as Image
```


```
Dim imgSomePicture As Image = Image.FromFile("c:\Documents and Settings\James\  
My Documents\Visual Studio 2005\Projects\ImageLoader\ImageLoader\face3.gif")
```

Everything that is in the brackets above represent the path (location) of the image.

Simplifying the Path Through Consolidation

In order to load an image the program needs to be able to know where it is. The location of a file is sometimes referred to as a path. In this example, the program needs to look through a complex series of folders to find the image file. By declaring a String to accept the path information we make the program easier to read.

Path information assigned to String



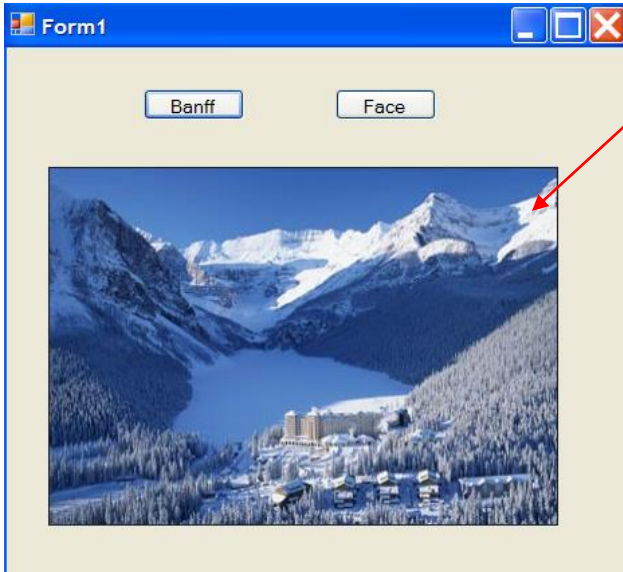
```
Dim ImagePath As String = _  
"c:\Documents and Settings\James\My Documents\Visual Studio 2005\Projects\ImageLoader\ImageLoader\face3.gif"  
Dim ImagePath2 As String = _  
"c:\Documents and Settings\James\My Documents\Visual Studio 2005\Projects\ImageLoader\ImageLoader\banff.jpg"  
  
Dim img As Image = Image.FromFile(ImagePath)  
Dim img2 As Image = Image.FromFile(ImagePath2)
```

Path variable used instead of long String literal

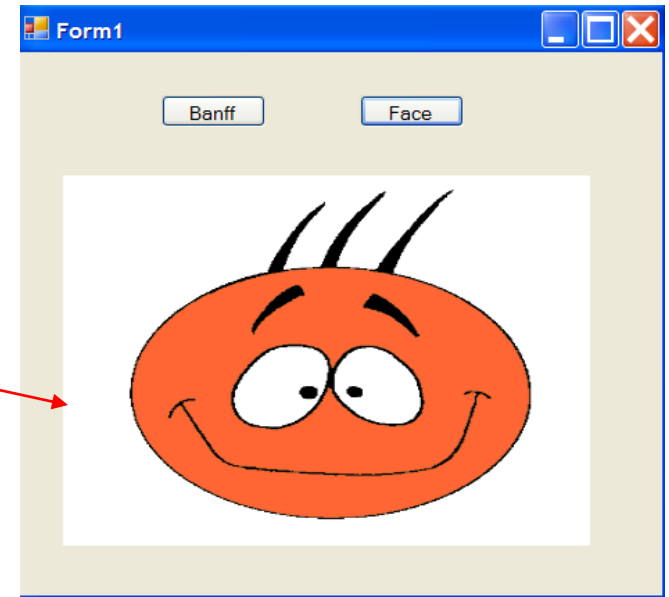


Banff or Face

```
Private Sub btnHide_Click(ByVal sender  
    picSomePicture.Image = img  
End Sub
```

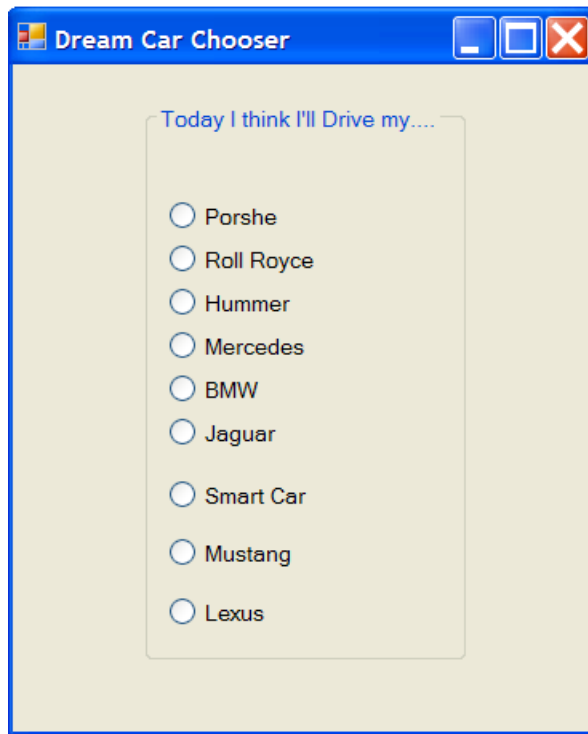


```
Private Sub btnShow_Click(ByVal sender  
    picSomePicture.Image = img2  
End Sub
```



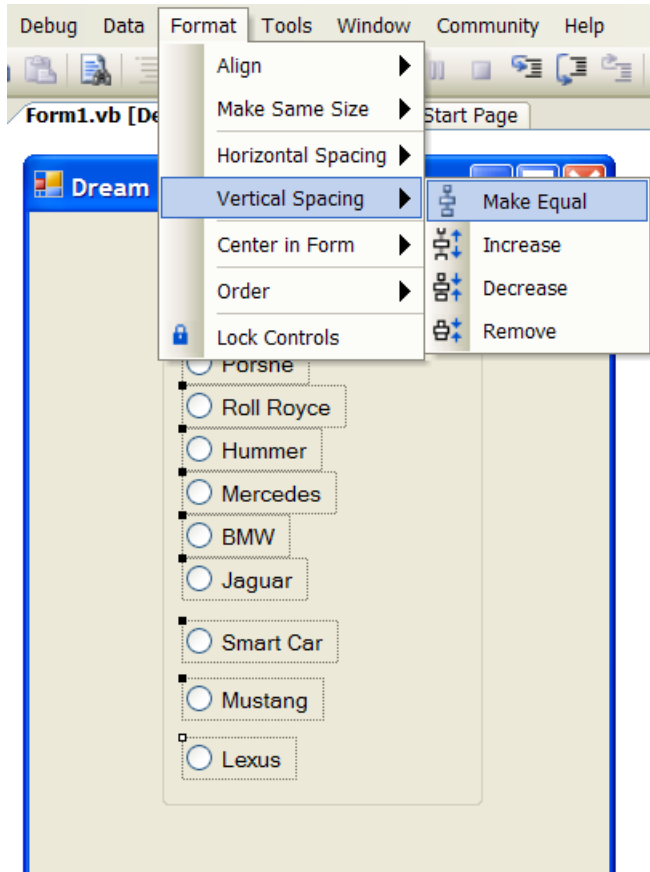
Today I Think I'll Drive My....

We will create a series of radio buttons within a group box. When a radio button is clicked, a picture matching that radio button will be displayed in the picture box.



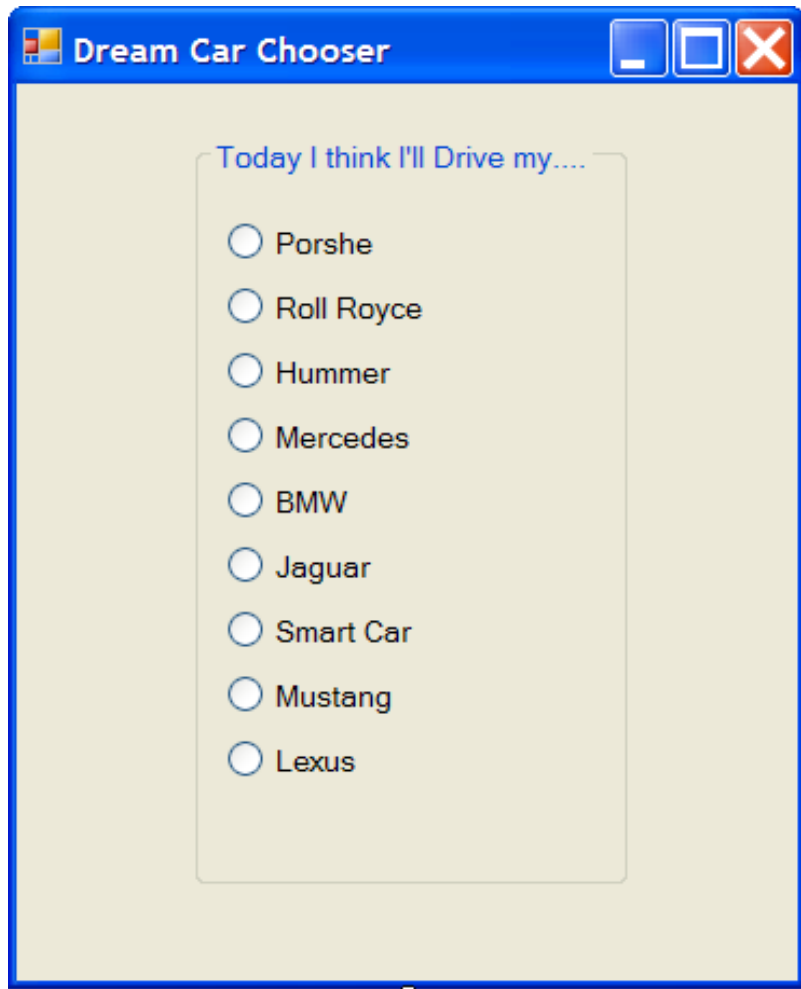
Radio buttons are uneven....not very professional looking!

Format to the Rescue



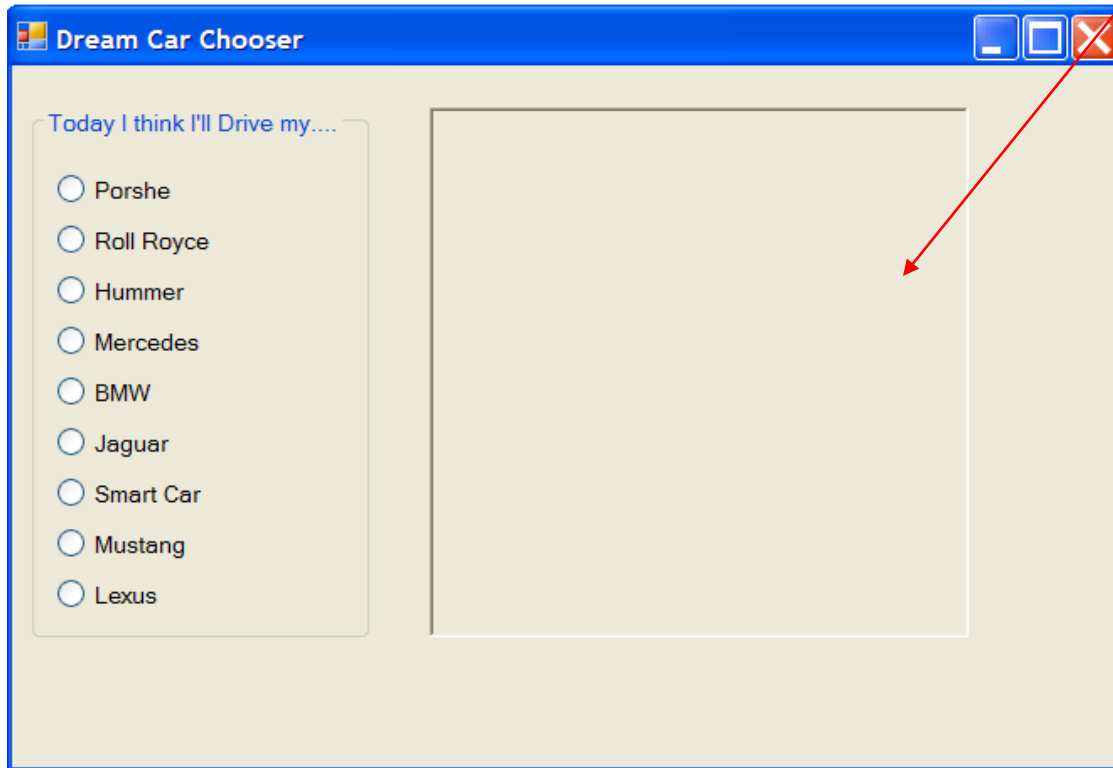
Highlight all of the radio buttons
and then choose:
Format > Vertical Spacing > Make Equal

The Result...Perfect Spacing



Add a Picture Box

picCar with 3D border.



Pretty Pictures

Go onto the net and download pictures and store them in a folder that is placed within the project folder.

Make sure that the SizeMode property of picCar is set to “StretchImage”.

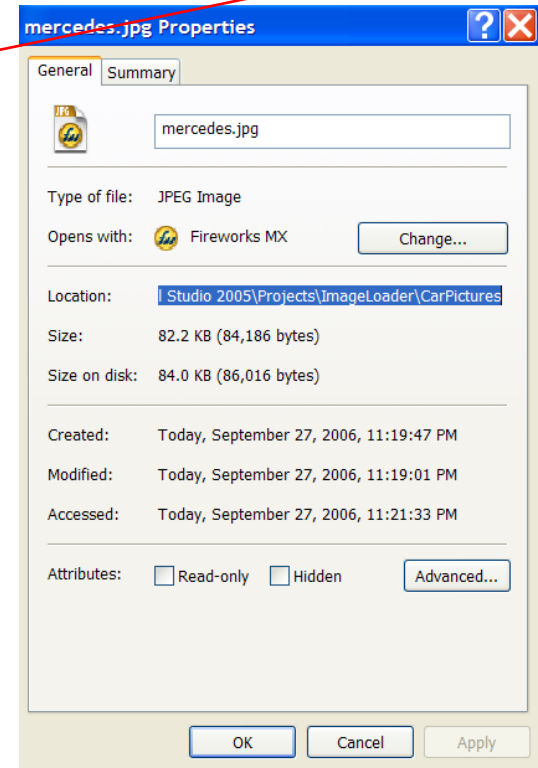
Declare each picture as an image.

Create a String variable for each image which denotes the path.

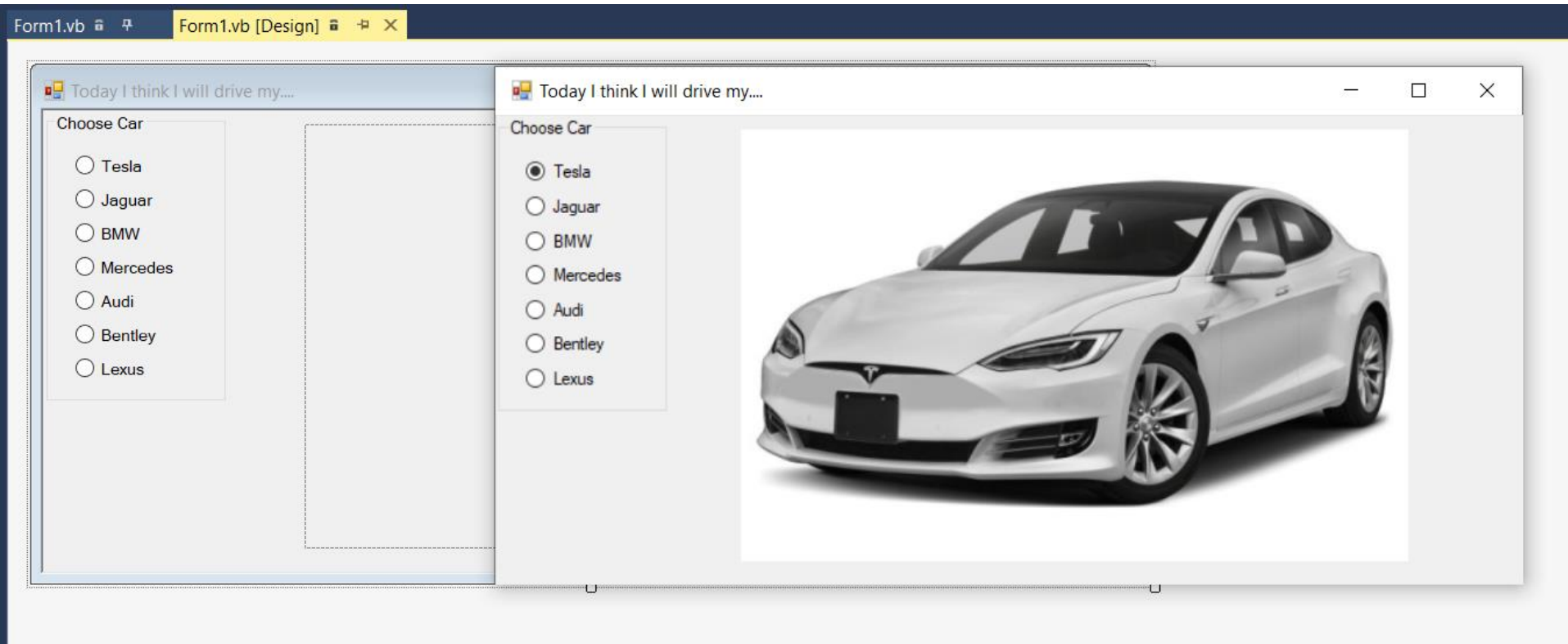
The best way to get the correct path of the image is to right-click on the image, choose properties and then to high-light and copy the path where it reads location.

C:\Documents and Settings\James\My Documents\Visual Studio 2005\Projects\ImageLoader\CarPictures\mercedes.jpg

Add the name of the image file to the end of the location and you have the full path.



Updated Program





Declare path Strings

```
Form1.vb* x Form1.vb [Design]*
VB DreamCars (Form1 Events) Load
1 Public Class Form1
2     Dim imageTeslaPath As String
3     Dim imageJaguarPath As String
4     Dim imageBMWPath As String
5     Dim imageMercedesPath As String
6     Dim imageAudiPath As String
7     Dim imageBentleyPath As String
8     Dim imageLexusPath As String
9
10
11     'Dim imgJaguar As Image
12
13     Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
14         imageTeslaPath = "C:\Users\James\source\repos\DreamCars\DreamCars\My Project\images\tesla.jpg"
15         imageJaguarPath = "C:\Users\James\source\repos\DreamCars\DreamCars\My Project\images\jaguar.jpg"
16         imageBMWPath = "C:\Users\James\source\repos\DreamCars\DreamCars\My Project\images\bmw.jpg"
17         imageMercedesPath = "C:\Users\James\source\repos\DreamCars\DreamCars\My Project\images\mercedes.jpg"
18         imageAudiPath = "C:\Users\James\source\repos\DreamCars\DreamCars\My Project\images\audi.jpg"
19         imageBentleyPath = "C:\Users\James\source\repos\DreamCars\DreamCars\My Project\images\bentley.jpg"
20         imageLexusPath = "C:\Users\James\source\repos\DreamCars\DreamCars\My Project\images\lexus.jpg"
21     End Sub
```








Your paths will be different

Get path by going to source of pictures

Clipboard Organize New Open Select

↑  << James > source > repos > DreamCars > DreamCars > My Project > images  Search images

ject
ed Head
Cloud Files
e

 audi	 bentley	 bmw	 jaguar	 lexus	 mercedes	 tesla
---	--	---	---	--	---	--

Radio Button Code

```
Private Sub RadTesla_CheckedChanged(sender As Object, e As EventArgs) Handles RadTesla.CheckedChanged  
    picCars.Image = Image.FromFile(imageTeslaPath)  
End Sub
```

```
Private Sub RadJaguar_CheckedChanged(sender As Object, e As EventArgs) Handles RadJaguar.CheckedChanged  
    picCars.Image = Image.FromFile(imageJaguarPath)  
End Sub
```

```
Private Sub RadBMW_CheckedChanged(sender As Object, e As EventArgs) Handles RadBMW.CheckedChanged  
    picCars.Image = Image.FromFile(imageBMWPath)  
End Sub
```

```
Private Sub RadMercedes_CheckedChanged(sender As Object, e As EventArgs) Handles RadMercedes.CheckedChanged  
    picCars.Image = Image.FromFile(imageMercedesPath)  
End Sub
```

```
Private Sub RadAudi_CheckedChanged(sender As Object, e As EventArgs) Handles RadAudi.CheckedChanged  
    picCars.Image = Image.FromFile(imageAudiPath)  
End Sub
```

```
Private Sub RadBentley_CheckedChanged(sender As Object, e As EventArgs) Handles RadBentley.CheckedChanged  
    picCars.Image = Image.FromFile(imageBentleyPath)  
End Sub
```

```
Private Sub RadLexus_CheckedChanged(sender As Object, e As EventArgs) Handles RadLexus.CheckedChanged  
    picCars.Image = Image.FromFile(imageLexusPath)  
End Sub
```