Lab Program
Save file dialog box in C#

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```csharp
using System;
using System.Data;
using System.Drawing;
using System.Drawing.Imaging;
using System.Windows.Forms;
using System.IO;

namespace saveFileDialog
{
public partial class Form1 : Form
{
public Form1()
{
InitializeComponent();
}

private void button1_Click(object sender, EventArgs e)
{
SaveFileDialog saveFileDialog = new SaveFileDialog();
saveFileDialog.Filter = "JPeg Image|*.jpg|Bitmap Image|*.bmp|Gif Image|*.gif";
saveFileDialog.Title = "Save an Image File";
saveFileDialog.RestoreDirectory = true;
saveFileDialog.ShowDialog();

if(saveFileDialog.FileName != "")
{
FileStream fs = (FileStream)saveFileDialog.OpenFile();
switch (saveFileDialog.FilterIndex)
{
case 1:
this.button1.Image.Save(fs, ImageFormat.Jpeg);
break;

case 2:
this.button1.Image.Save(fs, ImageFormat.Bmp);
break;

case 3:
this.button1.Image.Save(fs, ImageFormat.Gif);
break;
}
fs.Close();
}
}
}
}
```
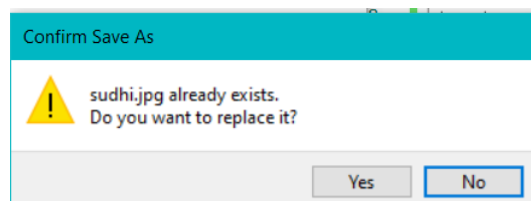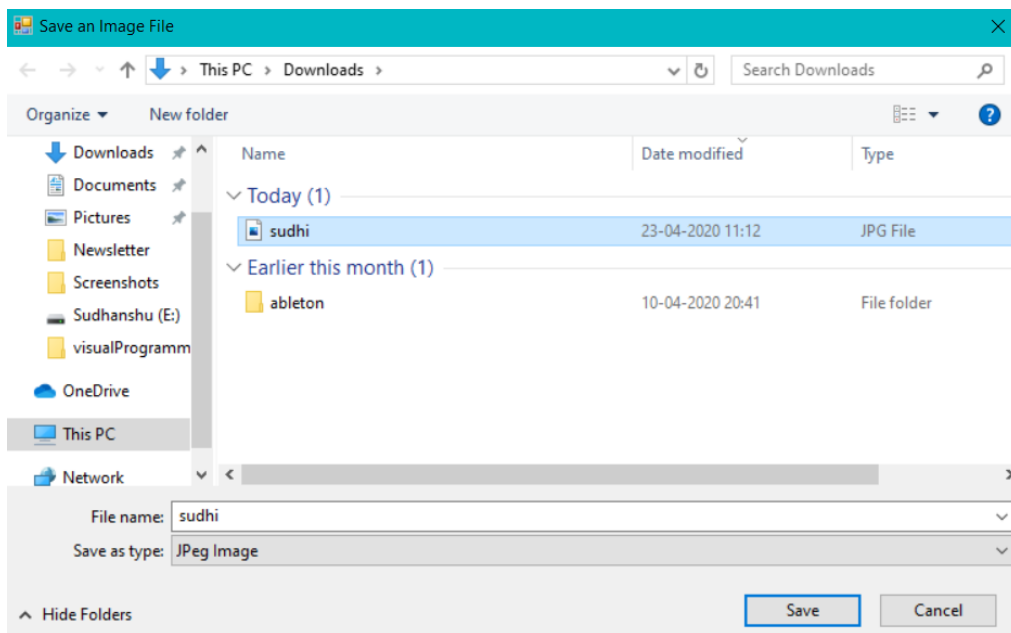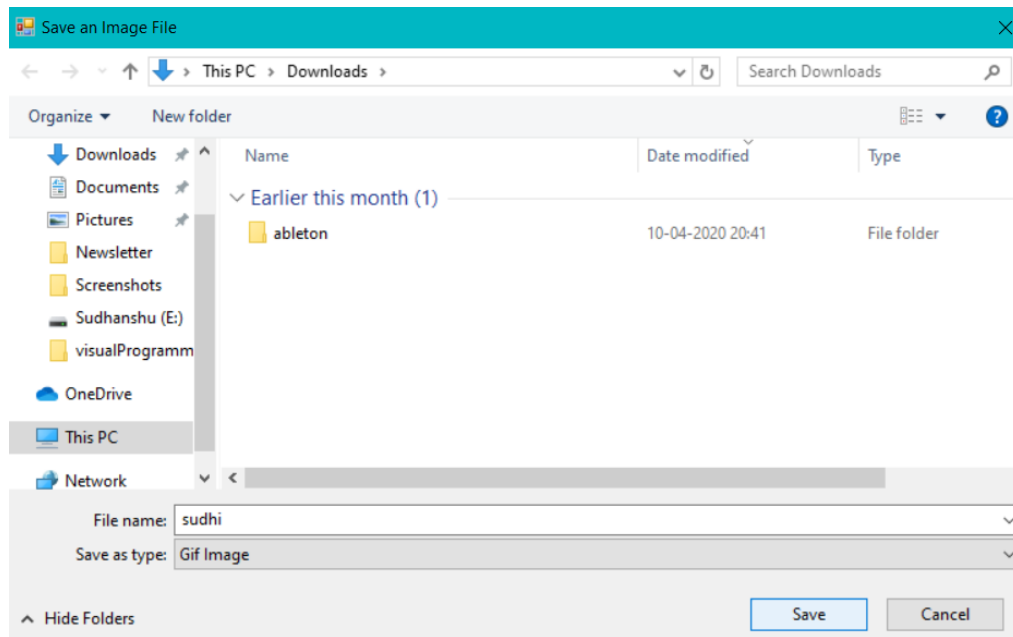
Thanks, Stay Hydrated and Keep Breathing.