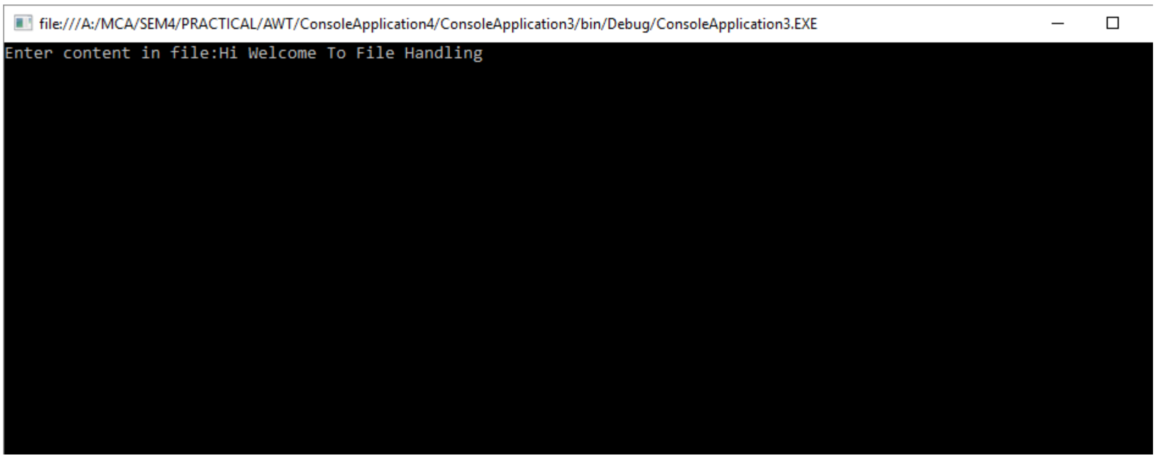
Practical No. 3.1

Aim:-WriteAProgramForWriteOperationInFile

Source Code:

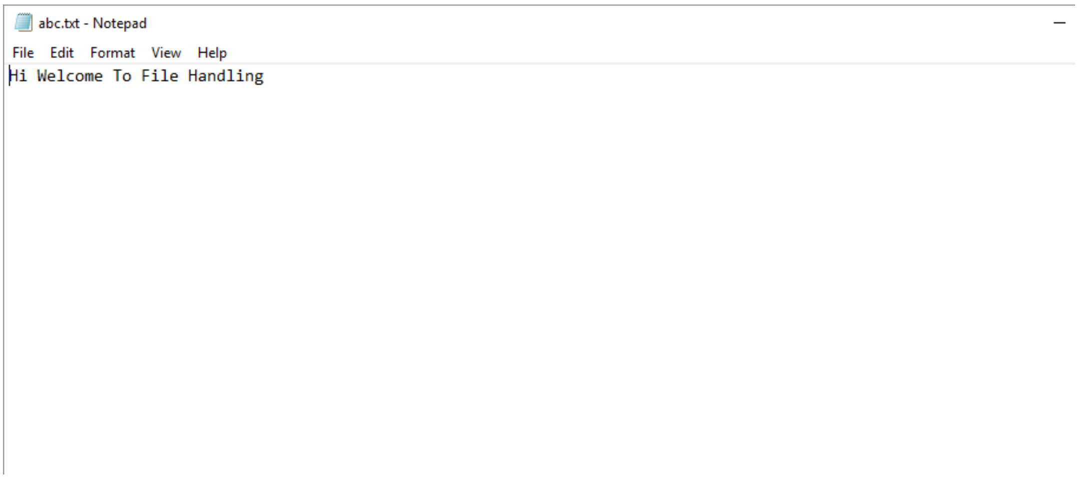
```
usingSystem;
usingSystem.Collections.Generic; usingSystem.Linq;
usingSystem.Text;
usingSystem.Threading.Tasks; usingSystem.IO;
namespaceConsoleApplication3
{
classProgram
{
staticvoidMain(string[]args)
{
stringdir= "A:\\MCA\\SEM4\\PRACTICAL\\AWT\\ConsoleApplication4\\xyz\\";
if(!Directory.Exists(dir)) Directory.CreateDirectory(dir);
stringpath=dir+"abc.txt"; if(File.Exists(path))
File.Delete(path);
FileStreamfs=new FileStream(path,FileMode.Create,FileAccess.ReadWrite);
Console.Write("Entercontentinfile:"); stringstr=Console.ReadLine();
byte[]b=Encoding.Default.GetBytes(str); fs.Write(b,0,b.Length);
fs.Close(); Console.ReadLine();
}
}
}
```

Output:



file:///A:/MCA/SEM4/PRACTICAL/AWT/ConsoleApplication4/ConsoleApplication3/bin/Debug/ConsoleApplication3.EXE

```
Enter content in file:Hi Welcome To File Handling
```



```
Hi Welcome To File Handling
```

Practical No. 3.2

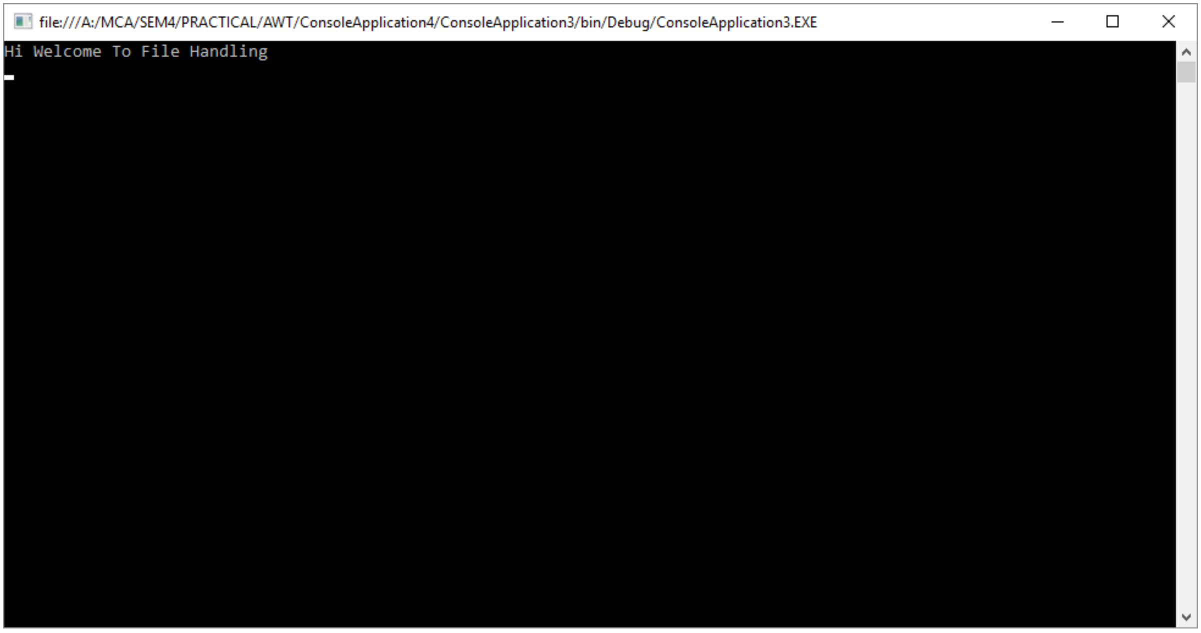
Aim:- Write A Program For Read Operation in File

Source Code:

```
usingSystem;
usingSystem.Collections.Generic; usingSystem.Linq;
usingSystem.Text;
usingSystem.Threading.Tasks; usingSystem.IO;

namespaceConsoleApplication3
{
classClass1
{
staticvoidMain(string[]args)
{
stringdir= "A:\\MCA\\SEM4\\PRACTICAL\\AWT\\ConsoleApplication4\\xyz\\";
if(!Directory.Exists(dir)) Directory.CreateDirectory(dir);
stringpath=dir+"abc.txt";
//if(File.Exists(path))
//    File.Delete(path);
FileStreamfs=newFileStream(path,FileMode.Open, FileAccess.Read);
intl=(int)fs.Length; byte[]b=newbyte[l]; fs.Read(b,0,l);
strings=Encoding.ASCII.GetString(b); Console.WriteLine(s);
/*Console.Write("Entercontentinfile:"); stringstr=Console.ReadLine();
byte[]b=Encoding.Default.GetBytes(str);
fs.Write(b,0,b.Length); fs.Close();*/ Console.ReadLine();
}
}
}
```

Output:


file:///A:/MCA/SEM4/PRACTICAL/AWT/ConsoleApplication4/ConsoleApplication3/bin/Debug/ConsoleApplication3.EXE

```
Hi Welcome To File Handling
```

Practical No. 3.6

Aim:- Implementation of Text Editing Application

Source Code:

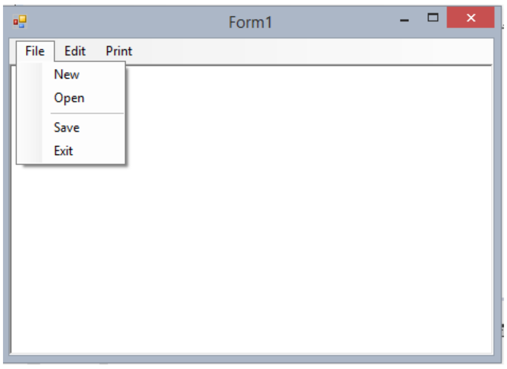
```
usingSystem;
usingSystem.Collections.Generic; usingSystem.ComponentModel;
usingSystem.Data;
usingSystem.Drawing; usingSystem.Linq; usingSystem.Text;
usingSystem.Threading.Tasks; usingSystem.Windows.Forms;
namespaceWindowsFormsApplication1
{
publicpartialclassForm1:Form
{
stringa; publicForm1()
{
InitializeComponent();
}
privatevoidnewToolStripMenuItem_Click(objectsender, EventArgse)
{
rtb1.Text="";
}
privatevoidopenToolStripMenuItem_Click(objectsender, EventArgse)
{
ofd.Filter="RichTextFormat(*.rtf)|*.rtf|Text Files(*.txt)|*.txt";
if(ofd.ShowDialog()==DialogResult.OK)
{
rtb1.LoadFile(ofd.FileName,RichTextBoxStreamType.PlainText);
}
a=rtb1.Text;
}
privatevoidsaveToolStripMenuItem_Click(objectsender, EventArgse)
{
sfd.Filter="RichTextFormat(*.rtf)|*.rtf|Text Files(*.txt)|*.txt";
if(sfd.ShowDialog()==DialogResult.OK)
{
rtb1.SaveFile(sfd.FileName);
}
}
privatevoidexitToolStripMenuItem_Click(objectsender, EventArgse)
{
Application.Exit();
}
privatevoidcutToolStripMenuItem_Click(objectsender, EventArgse)
{
if(rtb1.SelectionLength>0) rtb1.Cut();
}
privatevoidpasteToolStripMenuItem_Click(objectsender, EventArgse)
{
rtb1.Paste();
}
```

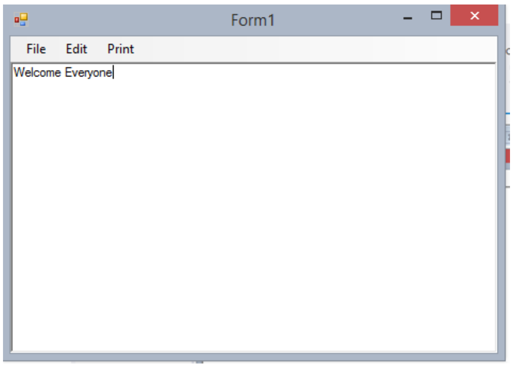
```
privatevoidcopyToolStripMenuItem_Click(objectsender, EventArgse)
{
if(rtb1.SelectionLength>0) rtb1.Copy();
}
privatevoidfontToolStripMenuItem_Click(objectsender, EventArgse)
{
if(fd.ShowDialog()==DialogResult.OK)
{
rtb1.SelectionFont=fd.Font;
}
}
privatevoidcolorToolStripMenuItem_Click(objectsender, EventArgse)
{
if(cd.ShowDialog()==DialogResult.OK) rtb1.SelectionColor=cd.Color;
}
privatevoidrtb1_TextChanged(objectsender,EventArgse)
{
}
privatevoidpd1_PrintPage(objectsender,
System.Drawing.Printing.PrintPageEventArgse)
{
intc=0,l=0;

strings=a;
e.Graphics.MeasureString(s,this.Font,
e.MarginBounds.Size,StringFormat.GenericTypographic,outc,outl);
e.Graphics.DrawString(s,this.Font,
Brushes.Black,e.MarginBounds,StringFormat.GenericTypographic);
a=s.Substring(c); e.HasMorePages=(s.Length>0);
if(!e.HasMorePages) s=a;
}
privatevoidprintPreviewToolStripMenuItem_Click(object sender,EventArgse)
{
pv.ShowDialog(); pv.Document=pd1;
}
privatevoidpageSetupToolStripMenuItem_Click(objectsender, EventArgse)
{
if(ps.ShowDialog()==DialogResult.OK)
{
pd1.DefaultPageSettings=ps.PageSettings;
}
}
privatevoidForm1_Load(objectsender,EventArgse)
{
}
privatevoidprintToolStripMenuItem1_Click(objectsender, EventArgse)
{
if(pd.ShowDialog()==DialogResult.OK)
{
pd1.Print();
}
}
```

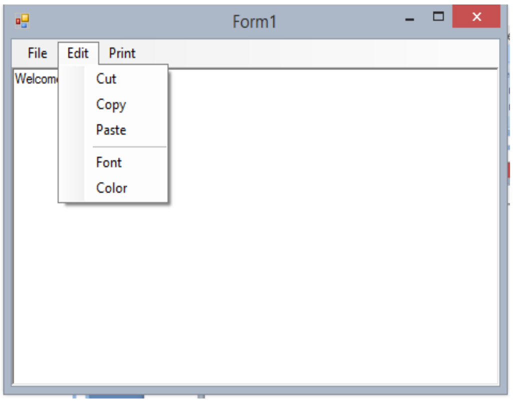
```
privatevoidfileToolStripMenuItem_Click(objectsender, EventArgse)
{
}}}
```

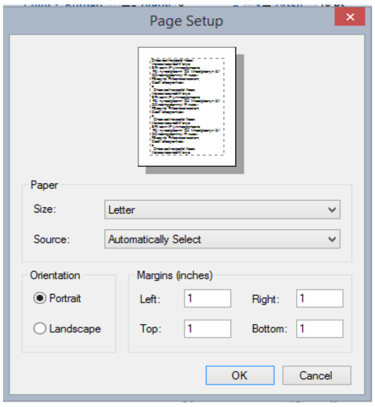
Output:





Welcome Everyone





Size: Letter

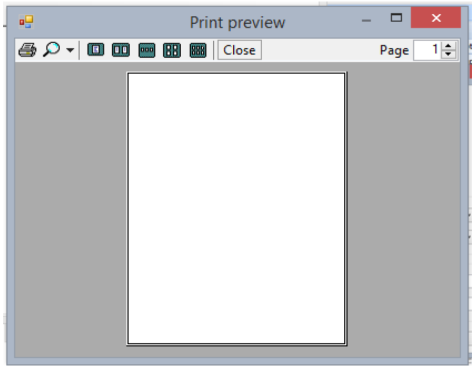
Source: Automatically Select

● Portrait

○ Landscape

Left: 1 Right: 1

Top: 1 Bottom: 1


Print preview
Close
Page
1