

C# .Net Programming Assignment 16

Design MarvellousFile is a class which performs multiple file operations on it as

```
public class MarvellousFile
{
    private string FileName;

    private FileInfo fobj;

    public MarvellousFile(string name)
    {
        // Create object of FileInfo
    }

    public DisplayContents()
    {
        // Display Contents of file on screen
    }

    public DeleteFile()
    {
        // Delete the file
    }

    public DisplayTime()
    {
        // Display last access time and last write time
    }

    public int FileLength()
    {
        // Return length of file
    }

    public void DisplayExtension()
    {
        // Display extension of file
    }

    public void CopyFile(string newFile)
    {
        // Create file newFile and copy the contents of file into that file.
    }

    public void SearchString(string str)
    {
        // Search occurrence of string into file if it text file.
    }
}
```

```
public void CountCapSmall()
{
    // Display count of Capital and Small characters from file if it text file.
}

public void AppendString(string str)
{
    // Append the data at the end of file if it text file.
}

}

public class Marvellous
{
    public static void Main(string[] str)
    {
        MarvellousFile mfobj = new MarvellousFile("Demo.txt");

        // Invoke all the methods from MarvellousFile class.
    }
}
```

