

Aim:- Write a C# program for Binary file.

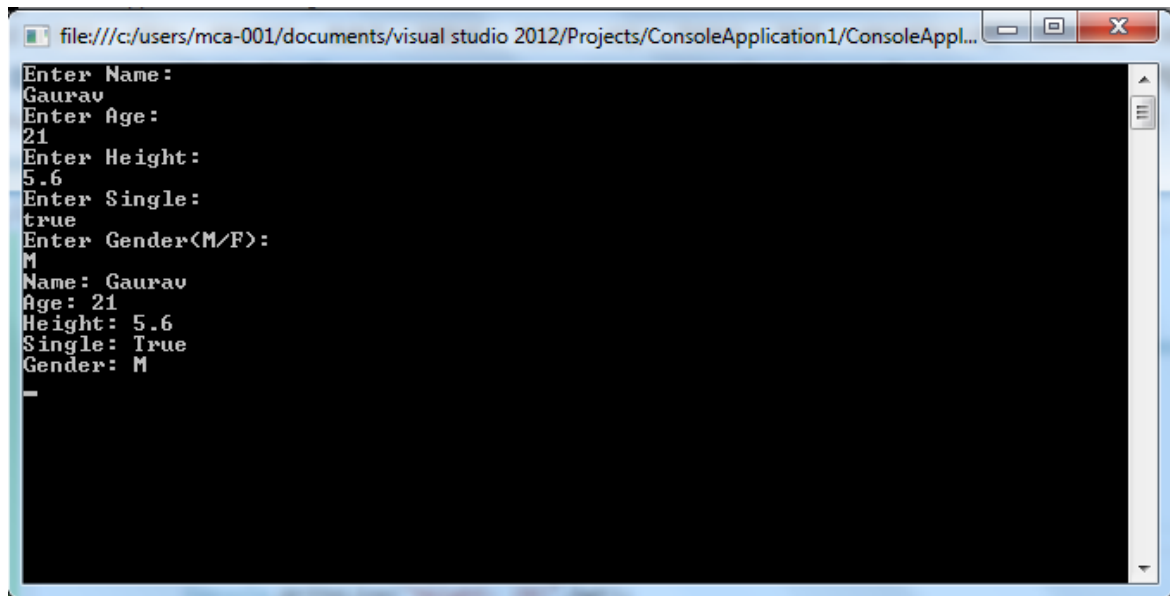
Source code:-

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.IO;

namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)
        {
            string nm;
            int age;
            double ht;
            Boolean sing;
            char gen;
            FileStream fs = new
FileStream("D:\\student\\file2.txt", FileMode.Create, FileAccess.Write);
            BinaryWriter bw = new BinaryWriter(fs);
            Console.WriteLine("Enter Name: ");
            nm = Console.ReadLine();
            Console.WriteLine("Enter Age: ");
            age = int.Parse(Console.ReadLine());
            Console.WriteLine("Enter Height: ");
            ht = double.Parse(Console.ReadLine());
            Console.WriteLine("Enter Single: ");
            sing = Boolean.Parse(Console.ReadLine());
            Console.WriteLine("Enter Gender(M/F): ");
            gen = char.Parse(Console.ReadLine());
            bw.Write(nm);
            bw.Write(age);
            bw.Write(ht);
            bw.Write(sing);
            bw.Write(gen);
            bw.Close();
            FileStream fs1 = new FileStream("D:\\student\\file2.txt", FileMode.Open,
FileAccess.Read);
            BinaryReader br = new BinaryReader(fs1);
            string nm1=br.ReadString();
            int ag=br.ReadInt32();
            double hgt=br.ReadDouble();
            Boolean sg=br.ReadBoolean();
            char g=br.ReadChar();
            Console.WriteLine("Name: {0}", nm1);
            Console.WriteLine("Age: {0}", ag);
            Console.WriteLine("Height: {0}", hgt);
            Console.WriteLine("Single: {0}", sg);
            Console.WriteLine("Gender: {0}", g);
            Console.ReadLine();
        }
    }
}
```

}

Output:



A screenshot of a console application window titled "file:///c:/users/mca-001/documents/visual studio 2012/Projects/ConsoleApplication1/ConsoleAppl...". The window has a black background with white text. The text shows a series of prompts and user inputs: "Enter Name:", "Gaurav", "Enter Age:", "21", "Enter Height:", "5.6", "Enter Single:", "true", "Enter Gender(M/F):", "M". Below these inputs, the program outputs: "Name: Gaurav", "Age: 21", "Height: 5.6", "Single: True", "Gender: M".

```
Enter Name:
Gaurav
Enter Age:
21
Enter Height:
5.6
Enter Single:
true
Enter Gender(M/F):
M
Name: Gaurav
Age: 21
Height: 5.6
Single: True
Gender: M
```

