1. What is the output of the short program below? Explain your answer.

class Program {

static String location;

static DateTime time;

static void Main() {

Console.WriteLine(location == null ? "location is null" : location); Console.WriteLine(time == null ? "time is null" : time.ToString());

}

}

**Answer**: The output will be:

location is null

1/1/0001 12:00:00 AM

Although both variables are uninitialized, String is a reference type and DateTime is a value type. As a value type, an unitialized DateTime variable is set to a default value of midnight of 1/1/1, *not* null.

1. What Will Be The Output Of The Following Code Snippet:

using System;

class Program

{

static void Main(string[] args)

{

String s1 = "TechBeamers";

String s2 = "Welcomes its readers";

String s3 = s2;

Console.WriteLine((s3 == s2) + " " + s2.Equals(s3)); Console.ReadLine();

}

}

**Answer**: True True