Graphical user interface, text

Description automatically generated

using System;

namespace L9Example{

    class School

    {

        private string strSchoolName;

        protected string strAddress;

        static protected int intStudentCount;

        public string SchoolName

        {

            get => strSchoolName;

        }

        public School(string sn)

        {

            strSchoolName = sn;

            if(strSchoolName == "Ngee Ann Polytechnic") strAddress = "Clementi Road";

            if(strSchoolName == "Singapore Polytechnic") strAddress = "Dover Road";

        }

        public int GetTotalStudent()

        {

            return intStudentCount;

        }

    }

    class Student:School

    {

        private string strName;

        public Student(string name, string schoolname):base(schoolname)

        {

            strName = name;

            intStudentCount++;

        }

        public string GetInfo()

        {

            return "The student name is: " + strName + "\nThe school name is: " + SchoolName + "\nThe address is: " + strAddress;

        }

    }

    class Program

    {

        static void Main(string[] args)

        {

            Student objS1, objS2;

            Console.WriteLine("Enter the name of the stduent: ");

            string StudentName = Console.ReadLine();

            Console.WriteLine("Enter the name of the school:");

            string SchoolName = Console.ReadLine();

            objS1 = new Student(StudentName,SchoolName);

            Console.WriteLine("Enter the name of the stduent: ");

            StudentName = Console.ReadLine();

            Console.WriteLine("Enter the name of the school:");

            SchoolName = Console.ReadLine();

            objS2 = new Student(StudentName,SchoolName);

            Console.WriteLine(objS1.GetInfo());

            Console.WriteLine(objS2.GetInfo());

            Console.WriteLine("The total number of students is: " + objS2.GetTotalStudent().ToString());

        }

    }

}