```
using NUnit.Framework;
using Schooloops;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Nunit.Tests
{
    public class SchoolDataTests
    {
        Student s = new Student();

        Subject sub = new Subject();

        Teacher ts = new Teacher();

        [TestCase("Rani", ExpectedResult = true)]
        [TestCase("Sathi", ExpectedResult = false)]
        [TestCase("gagana", ExpectedResult = false)]
        [TestCase("nandini", ExpectedResult = false)]
        [TestCase("shekhar", ExpectedResult = false)]
        public bool IsName(string search)
        {

            return s.Search(search);

        }

        [TestCase("Maths", ExpectedResult = true)]
        [TestCase("Science", ExpectedResult = true)]
        [TestCase("Biology", ExpectedResult = false)]
        [TestCase("English", ExpectedResult = true)]
        public bool IsSubject(string subj)
        {

            return sub.Search(subj);

        }

        [TestCase("Ram", ExpectedResult = true)]
        [TestCase("Sakthi", ExpectedResult = true)]
        [TestCase("Ganesh", ExpectedResult = true)]
        [TestCase("malaiyan", ExpectedResult = false)]
        public bool IsTeacher(string t)
        {

            return ts.Search(t);

        }


    }
}
```

Student.cs

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

namespace Schooloops
{
    public class Student
    {
        private string _name;

        public string Name
        {
            get { return _name; }
            set { _name = value; }
        }

        private int _class;

        public int Class
        {
            get { return _class; }
            set { _class = value; }
        }

        private char _section;

        public char Section
        {
            get { return _section; }
            set { _section = value; }
        }

        //public Student(string n, int c, char s)
        //{
        //   Name = n;
        //   Class = c;
        //   Section = s;

        //}

        public bool Search(string s)
        {
            List<Student> students = new List<Student>();

            students.Add(new Student { Name = "Ravi", Class = 5, Section = 'D' });
            students.Add(new Student { Name = "Satvika", Class = 10, Section = 'B'
});
            students.Add(new Student { Name = "Sakran", Class = 7, Section = 'C' });

            var isfound = students.Find(d => d.Name == s);
            return isfound != null;
        }
```

```
    }
}
```

Subject.cs

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

namespace Schooloops
{
    public class Subject
    {
        private string _subname;

        public string Name
        {
            get { return _subname; }
            set { _subname = value; }
        }

        private string _subCode;

        public string SubCode
        {
            get { return _subCode; }
            set { _subCode = value; }
        }

        //public Subject(string n, string c)
        //{
        //    Name = n;
        //    SubCode = c;

        //}

        public bool Search(string s)
        {
            List<Subject> sublist = new List<Subject>();

            sublist.Add(new Subject { Name = "Maths", SubCode = "512b" });
            sublist.Add(new Subject { Name = "Science", SubCode = "513b" });
            sublist.Add(new Subject { Name = "English", SubCode = "514b" });



            var isfound = sublist.Find(d => d.Name == s);
            return isfound != null;
        }

    }
}
```

Teacher.cs

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

namespace Schooloops
{
    public class Teacher
    {

            private string _name;

            public string Name
            {
                get { return _name; }
                set { _name = value; }
            }


            private string _subject;

            public string Subject
            {
                get { return _subject; }
                set { _subject = value; }
            }

        //public Teacher(string name, string subject)
        //{
        //    Name = name;
        //    Subject = subject;
        //}

        public bool Search(string s)
            {
                List<Teacher> teachlist = new List<Teacher>();

                teachlist.Add(new Teacher { Name = "Sakthi", Subject = "Maths" });
                teachlist.Add(new Teacher { Name = "Ram", Subject = "English" });
                teachlist.Add(new Teacher { Name = "Ganesh", Subject = "Science" });

                var isfound = teachlist.Find(d => d.Name == s);
                return isfound != null;
            }

    }
}
```