Unit Testing

1. Create Unit Test on IsEven() Extenstion Method

2. Develop a code to demonstrate how Assert**.isNull,** Assert **.IsTrue,** `Assert.Throws works`

3. Create Login class with following properties

```
class Login
{
    public string Username { get; set; }
    public string Password { get; set; }
}


class ValidateUser
{
  List<Login> list = new List<Login>()
  {
 new Login(){ Username="raj", Password="india" },
 new Login(){ Username="jay", Password="india" },
 new Login(){ Username="vijay", Password="india" },
   };
   public void Validate(string uname, string pwd)
   {

   }
}
```

Using `TestCase` `attribute perform the unit test to validate user`

4. Create Class Library by name MyDataServiceLib having following method

AddCustomer

SearchCustomer

Perform unit Testing for Add customer , Delete customer and search customer

Create 3 test methods

   a. Add
   b. Search
   c. Searchfornotfound