public static readonly String TAG\_WITH\_ATTRIBUTES = "//{0}{1}”

public static readonly String ATTRIBUTES\_CLUSE= "[contains(@{0},'{1}')]";

public static readonly String TEXT\_CLUSE = "[text()='{0}']";

public static readonly String CONTAINS\_CLUSE = "[contains(text(), '{0}')]";

<input type="email" value="" id="email-address" name="email" placeholder="Email address">

//input[@name = 'email']

**Value to be entered = 'areej@gmail.com'**

**Steps to build the XPath in code:**

**Step 1:** **attributeBlock += String.Format(Xpaths.ATTRIBUTES\_CLUSE, ele1.Key, ele1.Value);**

ATTRIBUTES\_CLUSE= "[contains(@{0},'{1}')]";

ele1.key = name

ele1.value = email

attributeBlock = [contains(@name,'email')]

**Step 2: String finalXpath = String.Format(Xpaths.TAG\_WITH\_ATTRIBUTES, tagName, attributeBlock);**

String TAG\_WITH\_ATTRIBUTES = "//{0}{1}";

tagName = input

attributeBlock = [contains(@name,'email')]

**Final xpath is : //input[contains(@name,'email')]**