

3. By index value

- When programmer found multiple similar xpath
- Then there will be use of index value.
- Syntax >> (xpath)[index value]
E.x. Suppose there are 4 buttons having same xpath
“//button[@name = 'button']”

- Then we can use indexes and differentiate all 4 buttons
E.x (//button[@name = 'button'])[1]
 (//button[@name = 'button'])[2]
 (//button[@name = 'button'])[3]
 (//button[@name = 'button'])[4]

4. By contains

- Contains() is a method used in XPath expressions.
- It is used when the value of any attribute changes dynamically, for example, login information.
- The contain feature has an ability to find the element with partial text.

E.x //tagname[contains(@attribute,'attribute_value')]

- Suppose we have attribute value “email” so we can find xpath for this by partial text

E.x //input[contains(@id,'ema')]