



Web Programming

Javascript

Module 2

Agenda

1

JavaScript Validations

Objectives

At the end of this module you will be able to:

- Validate user inputs through javascript functions

JavaScript Validations



Javascript Validation Example 1

- The following example demonstrates how you can define a function that is going to ensure that the text box cannot remain empty :

```
<html>
  <head>
    <title>Handling Form Data</title>
  <script>
    function chkfrm() {
      var x=document.card.name.value;
      if(x.length==0) {
        alert("Please Enter Name \n");
        return false;
      }
    }
  </script>
</html>
```

Contd..

Javascript Validation Example 1 (Contd.).

```
        else{
            return true;
        }
    }
</script></head>
<body>
    <form name ="card" method=post action="Hello" onsubmit="return chkfrm();">
    <center>
    <B> Enter Your Name : </B>
    <p><input type="text" name="name" >
    <p><input type="submit" value="submit">
    </center>
    </form></body>
</html>
```

Javascript Validation Example 2

- The following example demonstrates how you can define a function that is going to ensure that exactly 10 digits are entered in the text box :

```
<html>
<head><script>
function chkfrm(){
    var flag=0;
        var x=document.card.mob.value;
    if(x.length!=10){
        if(!isNaN(x))
            alert("You are expected to enter 10 digits");
    }
    else
        flag = flag + 1;
```

Contd..

Javascript Validation Example 2 (Contd.).

```
if(isNaN(x))
    alert("Only digits nothing else");
else
    flag = flag+1;
if(flag==2)
    return true;
else
    return false;    }
</script></head><body>
<form name ="card" method=post onsubmit="return chkfrm();">
    <center><B> Enter Your Mobile No(exactly 10 digits) : </B>
    <p><input type="text" name="mob" >
    <p><input type="submit" value="submit"></center>
</form></body>
</html>
```


Javascript Validation Example 3

- The following example demonstrates how you can define a function that is going to ensure that only alphabets(lower as well as upper case) and space(keycode=32) can be entered in the text box :

```
<script language="Javascript">
function ValidateAlpha() {
    var keyCode = window.event.keyCode;
    if ((keyCode < 65 || keyCode > 90) && (keyCode < 97 || keyCode > 123) && keyCode
    != 32){

        window.event.returnValue = false;
        alert("Only alphabets or space..please");
    }
}
</script>
```

Contd..

Javascript Validation Example 3(Contd.).

```
<form method="post" action="xyz" >
```

Enter your Name :

```
<input type="text" id="txtBox"  onKeyPress="ValidateAlpha();" />
```

```
</form>
```

Summary

In this module, you were able to:

- Validate user inputs through javascript functions



Thank You