

# Full Stack Development Day 7

## Assignment Problem Solutions

### 1. Validation of Date of Birth

```
<!DOCTYPE html>
<html>
  <head>
    <title>Age Verification</title>
    <script>
      function check(){
        var p=/^(([0-2][0-9])|([3][0-1]))/[ ]?([0-9])|([1][0-2]))/[ ]?([1][9][0-9]{2})|([2][0-9]{3})$/;
        var dob=document.getElementById("txtdob").value;
        var yr=dob.split("/");
        if(p.test(dob)){
          if((2020-parseInt(yr[2]))>=18){
            window.alert("Eligible");
          }
          else{
            window.alert("Not Eligible");
          }
        }
        else{
          window.alert("Enter correct Date (dd/mm/yyyy)");
        }
      }
    </script>
  </head>
  <body>
    Date of Birth: <input type="text" placeholder="Enter Date" id="txtdob"/>
    <button type="button" onclick="check()">Check</button>
  </body>
</html>
```

### 2. Validation of Password contains 1 Lower case, 1 Upper case and 1 Digit

#### Regular Expression

Regular Expression

Javascript
flags

/<sup>^</sup>(?<sup>?</sup>=[a-z])(?<sup>?</sup>=[A-Z])(?<sup>?</sup>=[0-9])(?<sup>?</sup>=[!@#\$])<sup>{5,12}</sup>\$/g

1 match

Test String

Anil12@2

## Validate using javascript Function

```

<!Doctype html>
<html>
  <head>
    <title>Password Validation</title>
    <script>
      function passValidate(){
        var valpass = document.getElementById('txtPassword').value;
        if(/^(?=[a-z])(?=[A-Z])(?=[0-9])(?=[!@#$]).{5,12}$/i.test(valpass)){
          document.getElementById('lblError').innerHTML = 'Valid Password';
        }
        else{
          document.getElementById('lblError').innerHTML = "Invalid Password";
        }
      }
    </script>
  </head>
  <body>
    <input type="password" id="txtPassword" />
    <br />
    <span id="lblError"></span>
    <button type="button" onclick="passValidate()">PasswordValidation</button>
  </body>
</html>

```