

Q2

```
<!DOCTYPE html>
<html>
<head>
  <title></title>
  <script type="text/javascript">
    function validate(){
      var uname = document.frm.username.value;
      var email = document.frm.email.value;
      var pass = document.frm.pwd.value;
      var repass = document.frm.repwd.value;
      if (uname == "") {
        window.alert("Please enter your username.");
        uname.focus();
        return false;
      }
      if (email == "") {
        window.alert("Please enter your E-mail.");
        email.focus();
        return false;
      }
      if (!/^[a-zA-Z0-9]+@[a-zA-Z]+(?:\.[a-zA-Z]+)*$/i.test(email)) {
        window.alert("Enter valid email");
        email.focus();
        return false;
      }
      if (pass == "") {
        window.alert("Please enter your Password.");
        pass.focus();
        return false;
      }
      var x = pass;
      if(x.match(/[a-z]/g) && x.match(/[A-Z]/g) && x.match(/[0-9]/g) && x.match(/[\^a-zA-Z0-9\d]/g)
&& x.length >= 8){
        //return true;
      }else{
        window.alert("Password contain simple letter,capital,digit and specil char must 8
digit");
        pass.focus();
        return false;
      }
      if (repass == "") {
        window.alert("Please enter your Retype password");
        repass.focus();
        return false;
      }
      else if (pass != repass) {
        window.alert("Password does not match");
        repass.focus();
        return false;
      }
    }
    return true;
  }
</script>
</head>
```

```

<body>
<form name="frm" action="" onsubmit="return validate()" method="post">
    Username: <input type="text" name="username"><br> <br>
    E-mail: <input type="text" name="email"> <br> <br>
    Password: <input type="password" name="pwd"><br> <br>
    Retype Password: <input type="password" name="repwd"><br> <br>

    <input type="submit" name="btn" value="submit">

</form>

</body>
</html>

```

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Q3

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<%--
    Document   : newjsp
    Created on : Feb 14, 2020, 3:48:19 PM
    Author    : Baghee
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page import="java.util.Date"%>
<%! String[] days =
{"Monday", "tuesday", "wednesday", "thursday", "firiday", "saturday", "sunday"}; %>
<%! int i; %>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Today's date</title>
    </head>
    <% Date date = new Date(); %>
    <body>

        <h1>Today's date</h1>
        <p>Today date is : <%= date %></p>
        <%
            for(i=0; i<=6; i++) { %>
                <font color='green' size="<%= i %>">
                    <% out.print( days[i]+ " "); %>
                </font> <br>
                <%
            }
        %>
    </body>
</html>

```

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Q1

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<?php

```

```

class Animal{
    public $family;
    public $name;

    public function __construct($family,$name){
        $this->family=$family;
        $this->name=$name;
    }

    public function set_family($family){
        $this->family=$family;
    }

    public function set_name($name){
        $this->name=$name;
    }

    public function get_name(){
        return $this->name;
    }
    public function get_family(){
        return $this->family;
    }

    public function decl(){
        echo "The animal is {$this->family} and name is {$this->name}";
    }
}

```

```

class cat extends Animal{
    public function message(){
        echo 'Hi.....';
    }
}

```

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$cat=new Animal('cat','kitty');
$dog=new Animal('dog','tommy');
$parrot=new Animal('parrot','kiki');

```

```

$cat2=new cat('cat1','kitty2');

```

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$cat2->message();
echo '<br>';
$cat2->decl();

```

```

// $cat->set_family('dog');
// $cat->set_name('kitty');
// $dog->set_family('dog');
// $dog->set_name('tommy');

```

```

echo $cat->get_family();
echo '<br>';
echo $cat->get_name();
echo '<br>';
echo $dog->get_family();
echo '<br>';
echo $dog->get_name();
echo '<br>';
echo $parrot->get_family();

```

```
echo '<br>';  
echo $parrot->get_name();
```

```
?>
```

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```
<?php
```

```
interface Shape{  
    public function get_Area();  
}  
  
class Squire implements Shape{  
    private $width;  
  
    public function __construct($width){  
        $this->width = $width;  
    }  
  
    public function get_Area(){  
        return $this->width * $this->width;  
    }  
}  
  
class Circle implements Shape{  
    private $r;  
  
    public function __construct($r){  
        $this->r = $r;  
    }  
  
    public function get_Area(){  
        return 3.14 * $this->r * $this->r;  
    }  
}  
  
function calculate_Area(Shape $shape){  
    return $shape->get_Area();  
}  
  
echo "Area of Circle : ";  
echo calculate_Area(new Circle(7));  
echo "<br>";  
echo "Area of Squire: ";  
echo calculate_Area(new Squire(5));
```

```
?>
```