**214189E – SENARATHNA G.G.P.C.**

**Web Technology (Form Validation)**

<html>  
 <head>  
 <Title>Registration Form</Title>  
 <script type="text/javascript">  
 functionvalidateEmail(frm) { <!-- Between function key and function name should

should have space -->  
 varreg = /^([A-Za-z0-9\_\-\.])+\@([A-Za-z0-9\_\-\.])+\.([A-Za-z]{2,4})$/;

<!-- Between variable key and variable name should have space -->  
 var address = frm  
 if(reg.test(address) == false) {  
 return false;  
 }  
 else {return true;}  
 }  
 functionconfirmPassword(p1,p2) { <!-- Between function key and function name

Should have space -->  
 if (p1==p2) return true;  
 else return false;  
 }   
 functioncountryselect(country) <!—Between function key and function name should

have include space -->  
 {   
 if(country == "Default")  
 {  
 return false;  
 }   
 else  
 return true;  
 }   
 functionvalidsex(umsex) <!—Between function key and function name should have

include space -->  
 {   
 x=0;  
 if(umsex[0].checked)  
 {   
 x++;  
 }   
 if(umsex[1].checked)  
 {   
 x++;  
 }   
 if(x==0)  
 {   
 return false;  
 }   
 else   
 {   
 return true;  
 }  
 }   
 functionvalidateForm(frm) { <!—Between function key and function name should

have include space -->  
 var user=frm.username.value;  
 varpword=frm.password.value;  
 varcpword=frm.con\_password.value;  
 var address=frm.address.value;  
 var email=frm.email.value;  
 var country=frm.Country.value;  
 varumsex=frm.sex;  
 varufsex=frm.sex;  
 varreturnvalue=false;

<!—Above these errors occurred by between variable key and variable name

Should haven’t space, therefore we have to put space there -->   
 var a=true;  
 var b=true;  
 var c=true;  
 var d=true;  
 var e=true;  
 if ( user=="" || pword=="" || cpword=="" || address=="" || email==""){  
 alert ("there are empty fields, please fill them ");  
 a=false;  
 }   
 if (confirmPassword(pword,cpword)==false){  
 alert ("password do not match ");  
 b=false;  
 }   
 if (validateEmail(email)==false){  
 alert ("invalid e mail address ");  
 c=false;  
 }   
 if (countryselect(country)==false){  
 alert ("Please select the country ");  
 d= false;  
 }   
 if(validsex(umsex)==false) {  
 alert ("Please select the Gender ");  
 e=false;  
 }   
 if (a==true && b==true && c==true && d==true && e==true){  
 returnvalue=true;  
 }  
 returnreturnvalue; <!—Between return key and return value should have space -->  
 }  
 </script>  
 </head>  
 <h3 align=center> User Registration Form </h1>  
 <body>  
 <form name="frm" onsubmit="return validateForm(this);">  
 <table border="0" align=CENTER >  
 <tr>  
 <td>Username</td>  
 <td><input type="text" name="username" /></td>  
 </tr>  
 <tr>  
 <td>Password</td>  
 <td><input type="password" name="password" /></td>  
 </tr>  
 <tr>  
 <td>Confirm Password</td>   
 <td><input type="password" name="con\_password" /></td>  
 </tr>  
 <tr>  
 <td>Address</td>  
 <td><textarea name="address" cols="25" rows="5"></textarea></td>  
 </tr>  
 <tr>  
 <td>Email</td>  
 <td><input type="text" name="email" /></td>  
 </tr>  
 <tr>   
 <td>Gender</td>  
 <td><input type="radio" name="sex" value="male" /> Male  
 <input type="radio" name="sex" value="female" /> Female</td>  
 </tr>  
 <tr>  
 <td>Country</td>  
 <td>  
 <select name="Country">  
 <option value="Default">---Select---</option>  
 <option value="Sri Lanka">Sri Lanka</option>  
 <option value="America">America</option>  
 <option value="Canada">Canada</option>  
 <option value="Germany">Germany</option>  
 </select>  
 </td>  
 </tr>  
 <tr>  
 </tr>  
 <tr>  
 <td>  
 </td>  
 <td>  
 <input type="submit" value="Submit">  
 <input type="reset" value="Reset">  
 </td>  
 </tr>  
 </table>  
 </form>  
</html>

**ERROR CORRECTION CODE.**

* **JavaScript Code**
* *// Registration Form*
* *// check valid email*
* function validEmail(textEmail){
* var valid\_email = /^([A-Za-z0-9\_\-\.])+\@([A-Za-z0-9\_\-\.])+\.([A-Za-z]{2,4})$/;
* var reg\_Email = textEmail;
* if(valid\_email.test(reg\_Email) == false){
* return false;
* }
* else{
* return true;
* }
* }
* *// check confirm password*
* function confirmPassword(p1,p2){
* if(p1 == p2) return true;
* else return false;
* }
* *// check country selector*
* function countrySelect(country){
* if(country == "Default") return false;
* else return true;
* }
* *// check gender*
* function validSex(umsex){
* x = 0;
* if(umsex[0].checked){
* x++;
* }
* if(umsex[1].checked){
* x++;
* }
* if(x == 0) return false;
* else return true;
* }
* *// validaton form*
* function validForm(form){
* var user = form.username.value;
* var p\_word = form.password.value;
* var c\_pword = form.confirm\_password.value;
* var address = form.address.value;
* var email = form.email.value;
* var country = form.select.value;
* var sex = form.sex;
* var returnvalue = false;
* var a = true;
* var b = true;
* var c = true;
* var d = true;
* var e = true;
* if(user == "" || p\_word == "" || c\_pword == "" || address == "" || email == ""){
* alert("there are empty field,please fill them");
* a = false;
* }
* if(confirmPassword(p\_word,c\_pword) == false){
* alert("password do not match");
* b = false;
* }
* if(validEmail(email) == false){
* alert("invalid email address");
* c = false;
* }
* if(countrySelect(country) == false){
* alert("please select the country");
* d = false;
* }
* if(validSex(sex) == false){
* alert("please select the gender");
* e = false;
* }
* if(a == true && b == true && c == true && d == true && e == true){
* returnvalue = true;
* }
* return returnvalue;
* }