**EXAMEN FINAL JAVASCRIPT**

**Exercice 1 : validation formulaire**

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| <!DOCTYPE>  <html>  <head>  <meta charset="UTF-8">  <title>Formulaire d'inscritpion</title>  <link rel="stylesheet" type="text/css" href="Style.css">  <script type="text/javascript" src="Script.js"></script>  </head>  <body>    <form id="sign\_up" action="Form\_valide.html" method="get">  <h1 id="titre">Formulation d'inscription</h1>  <label for="sexe">Sexe :</label>  <input class="radio" type="radio" name="gender" id="H"> Homme  <input class="radio" type="radio" name="gender" id="F"> Femme  <span id="sexe\_err"> </span><br>    <label for="nom">Nom:</label>  <input type="text" name="nom" id="nom" onblur="validateNom()" required>  <span id="nom\_err">&nbsp;</span><br>    <label for="prenom">Prénom:</label>  <input type="text" name="prenom" id="prenom" onblur="validatePrenom()" required>  <span id="prenom\_err">&nbsp;</span><br>    <label for="age">Âge:</label>  <input type="text" name="age" id="age" onblur="validateAge()" required>  <span id="age\_err">&nbsp;</span><br>    <label for="pseudo">Pseudo:</label>  <input type="text" name="pseudo" id="pseudo" onblur="validatePseudo()" required>  <span id="pseudo\_err">&nbsp;</span><br>    <label for="password">Mot de passe:</label>  <input type="text" name="password" id="password" onblur="validatePassword()" required>  <span id="password\_err">&nbsp;</span><br>    <label for="passwordRe">Mot de passe (confirmation):</label>  <input type="text" name="passwordRe" id="passwordRe" required>  <span id="passwordRe\_err">&nbsp;</span><br>    <label for="pays">Pays:</label>  <select id="pays">  <option value="0">Sélectionnez votre pays</option>  <option value="1">Maroc</option>  <option value="2">Mauritanie</option>  <option value="3">Zimbabwe</option>  </select>  <span id="pays\_err">&nbsp;</span><br>      <label>&nbsp;</label>  <input type="checkbox" id="newsletter"> Je désire recevoir vos émails chaque mois.<br>    <label>&nbsp;</label>  <input type="button" value="Inscrire" id="register" >  <input type="button" value="Rénitialiser le formulaire" id="init"><br>    <label>&nbsp;</label>  </form>    </body>  </html> |

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| body {  font-family:Verdana, Arial, Helvetica, sans-serif;  font-size: 100%;  background-color: antiquewhite;  width: 1000px;  margin: 0 auto;  padding: 0 2em 1em;  }  form, div {  margin-top: 20px;  border: 3px solid coral;  padding-left: 1em;  }  form .radio {  display: inline-block;  width:15px;  }  form #newsletter{  width:15px;  }  h1 {  font-size:160%;  color: coral;  margin-bottom: .5em;  margin-left: 1em;  }  label {  float: left;  width: 15em;  text-align: right;  }  input {  width: 15em;  margin-left: 1em;  margin-bottom: 1em;  }  select {  width: 15em;  margin-left: 1em;  margin-bottom: 1em;  }  span {  font-style: italic;  font-size: 12px;  }  form .error {  color: black;  background-color: coral;  border: 1px solid black;  font-size: 10px;  border-radius: 3px;  font-weight: bold;  }  #register{  width: 60px;  }  #init{  width: 160px;  } |

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| "use strict";  var $ = function (id) {  return document.getElementById(id);  };  var isEmpty = function (text) {  return (text == "");  };  var lastNameIsOk = function (text) {  return ((/^[a-zA-Z0-9]{2,}$/).test(text));  };  var firstNameIsOk = function (text) {  return ((/^[a-zA-Z0-9]{2,}$/).test(text));  };  var ageIsOk = function (text) {  return parseInt(text, 10) >= 18;  };  var pseudoIsOk = function (text) {  return ((/^[a-zA-Z0-9.-\_!?]{4,}$/).test(text));  };  var isPassOk = function (text) {  return ((/^[a-zA-Z0-9.-\_!?]{6,}$/).test(text));  };  var isPassEqual = function (pass1, pass2) {  return (pass1 == pass2);  };  var validateSexe = function () {  if ($("H").checked == false && $("F").checked == false) {  $("sexe\_err").setAttribute("class", "error");  $("sexe\_err").innerHTML = "Vous devez sélectionner votre sexe";  return false;  }    $("sexe\_err").removeAttribute("class");  $("sexe\_err").innerHTML = "";  return true;  };  var validatePrenom = function () {  var text;  text = $("prenom").value;  if (isEmpty(text) || !firstNameIsOk(text)) {  $("prenom").focus();  $("prenom\_err").setAttribute("class", "error");  $("prenom\_err").innerHTML = "Un prénom ne peut contenir que des lettres ou chiffres(au moins de 2 caractères)";  return false;  }    $("prenom\_err").removeAttribute("class");  $("prenom\_err").innerHTML = "";  return true;    };  var validateNom = function () {  var text;  text = $("nom").value;  if (isEmpty(text) || !lastNameIsOk(text)) {  $("nom").focus();  $("nom\_err").setAttribute("class", "error");  $("nom\_err").innerHTML = "Un nom ne peut contenir que des lettres ou chiffres(au moins de 2 caractères)";  return false;  }    $("nom\_err").removeAttribute("class");  $("nom\_err").innerHTML = "";  return true;    };  var validateAge = function () {  var text;  text = $("age").value;  if (isEmpty(text) || !ageIsOk(text)) {  $("age").focus();  $("age\_err").setAttribute("class", "error");  $("age\_err").innerHTML = "L'âge doit être supérieur à 18 ans";  return false;  }    $("age\_err").removeAttribute("class");  $("age\_err").innerHTML = "";  return true;  };  var validatePseudo = function () {  var text;  text = $("pseudo").value;  if (isEmpty(text) || !pseudoIsOk(text)) {  $("pseudo").focus();  $("pseudo\_err").setAttribute("class", "error");  $("pseudo\_err").innerHTML = "Le pseudo ne peut pas contenir moins de 4 caractères";  return false;  }    $("pseudo\_err").removeAttribute("class");  $("pseudo\_err").innerHTML = "";  return true;  };  var validatePassword = function () {  var text1, text2;  text1 = $("password").value;  text2 = $("passwordRe").value;  if (isEmpty(text1) || !isPassOk(text1)) {  $("password").focus();  $("password\_err").setAttribute("class", "error");  $("password\_err").innerHTML = "Le mdp ne doit pas faire moins de 6 caractères";  return false;  } else {    if (isEmpty(text2)) {  $("passwordRe").focus();  $("passwordRe\_err").setAttribute("class", "error");  $("passwordRe\_err").innerHTML = "Vous devez confirmer le mot de passe";  return false;  } else {  if (!isPassEqual(text1, text2)) {  $("passwordRe").focus();  $("passwordRe\_err").setAttribute("class", "error");  $("passwordRe\_err").innerHTML = "Les deux mdp ne concordent pas";  return false;  }  }  }  $("password\_err").removeAttribute("class");  $("password\_err").innerHTML = "";  $("passwordRe\_err").removeAttribute("class");  $("passwordRe\_err").innerHTML = "";  return true;    };  var validateCountry = function () {  if ($("pays").value == "0") {  $("pays\_err").setAttribute("class", "error");  $("pays\_err").innerHTML = "Vous devez sélectionner votre pays";  return false;  }    $("pays\_err").removeAttribute("class");  $("pays\_err").innerHTML = "";    };  var validate = function () {  var isOK = true;  isOK = validateSexe() && isOK;  isOK = validateNom() && isOK;  isOK = validatePrenom() && isOK;  isOK = validateAge() && isOK;  isOK = validatePseudo() && isOK;  isOK = validatePassword() && isOK;  isOK = validateCountry() && isOK;    if (isOK == true) {  $("sign\_up").submit();    }  };  var init = function () {  location.reload();  };  window.onload = function () {  $("register").onclick = validate;  $("init").onclick = init;  }; |

**EXERCICE 2 - MULTIPLICATION**

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| <!DOCTYPE>  <html>  <meta charset="UTF-8">  <body>  <script type="text/javascript">  var multiplication = prompt("Donnez la valeur dont vous voulez la table de multiplication :");  var num = parseInt(multiplication);    document.write("<table>");  for (var i=1; i<10; i++){  document.write("<tr>" + i + " x " + multiplication + " = " + i\*num + "</tr><br>");  }  document.write("</table>");    </script>  </body>  </html> |