```
window.onload = init;

var warnings = {
        "firstname" : {
                "required" : "Please enter in your first name.",
                "letters" : "Only letters are allowed in first name."
        },
        "lastname" : {
                "required" : "Please enter in your last name.",
                "letters" : "Only letters are allowed in last name."
        },
        "email" : {
                "required" : "Please enter in an e-mail address.",
                "format" : "Please enter your e-mail in the form 'name@domain.com'"
        }
}

function init(){
        // Adding event handlers
        addEventHandler(document.getElementById("firstname"), "blur", fieldIsFilled);
        addEventHandler(document.getElementById("firstname"), "blur", fieldIsLetters);
        addEventHandler(document.getElementById("lastname"), "blur", fieldIsFilled);
        addEventHandler(document.getElementById("lastname"), "blur", fieldIsLetters);
        addEventHandler(document.getElementById("email"), "blur", fieldIsFilled);
        addEventHandler(document.getElementById("email"), "blur", emailIsProper);


}

function fieldIsFilled(e){
        var me = getActivatedObject(e);

        if (me.value == ""){
                // Display an error message
                warn(me, "required");
        } else {
                // No problems; we're good to go
                unwarn(me, "required");
        }
}

function emailIsProper(e) {
        var me = getActivatedObject(e);

        if (!/^[\w\.-_\+]+@[\w-]+(\.\w{2,4})+$/.test(me.value)) {
                // Display an error message
                warn(me, "format");
        } else {
                // No problems; we're good to go
                unwarn(me, "format");
        }
}

function fieldIsLetters(e) {
        var me = getActivatedObject(e);
        var nonAlphaChars = /[^a-zA-Z]/;

        if (nonAlphaChars.test(me.value)) {
                // Display an error message
                warn(me, "letters");
        } else {
                // No problems; we're good to go
                unwarn(me, "letters");
```

```
                }
        }

        function fieldIsNumbers(e) {
                var me = getActivatedObject(e);
                var nonNumericChars = /[^0-9]/;

                if (nonNumericChars.test(me.value)) {
                        // Display an error message
                } else {
                        // No problems; we're good to go
                }
        }

        function warn(field, warningType) {
                var parentNode = field.parentNode;
                var warning = eval('warnings.' + field.id + '.' + warningType);

                if (parentNode.getElementsByTagName("p").length == 0) {
                        var p = document.createElement("p");
                        field.parentNode.appendChild(p);
                        var warningNode = document.createTextNode(warning);
                        p.appendChild(warningNode);
                } else {
                        var p = parentNode.getElementsByTagName("p")[0];
                        p.childNodes[0].nodeValue = warning;
                }

                document.getElementById("submit").disabled = true;
        }

        function unwarn(field, warningType) {
                if (field.parentNode.getElementsByTagName("p").length > 0) {
                        var p = field.parentNode.getElementsByTagName("p")[0];
                        var currentWarning = p.childNodes[0].nodeValue;
                        var warning = eval('warnings.' + field.id + '.' + warningType);

                        if (currentWarning == warning) {
                                field.parentNode.removeChild(p);
                        }
                }

                var fieldsets =
        document.getElementById("content").getElementsByTagName("fieldset");
                for (var i=0; i<fieldsets.length; i++) {
                        var fieldWarnings = fieldsets[i].getElementsByTagName("p").length;

                        if (fieldWarnings > 0) {
                                document.getElementById("enroll").disabled = true;
                                return;
                        }
                }
                document.getElementById("enroll").disabled = false;
        }
```