HTML5 provides for 2 main validation options for form controls. Discuss them both providing HTML examples:

HTML5 has 2 main validation options for form controls. The first one is the required attribute and this is when you can make a text input field have a “required” input meaning entry into this field is mandatory and they cannot continue if they do not fill out the field. Quite often with browsers, they will mark these boxes with asterisks to show they are mandatory and will turn red if they are not filled out. Some browsers will also deny continuation until the required fields have been completed and only when the data entered is valid compared to the field type. For example a telephone number or date may require a specific number of characters due to the nature of the field.

Your Name: <input type="text" name="name" required>

As I briefly mentioned above also was specific field entries. This limits the type of information a user can enter which creates a “validation”. If an incorrect number off characters are entered the user will not be able to procced with filling out the field. This can also be joined with the “required” attribute to limit or give advice on allowable input values. These are called input types.

Example of email address validation:

Email Address: <input type="email" name="email" required placeholder="Enter a valid email address">

Example of url validation:

Website: <input type="url" name="website" required>