**redirect a user to another page using window.location in JavaScript:**

window.location.href = "https://example.com/another-page";

**checkValidity** and **setCustomValidity** in JavaScript validation API:

1. **checkValidity**: This method is used to check the validity of a form or form element. It returns **true** if the form or element is valid; otherwise, it returns **false**.

const form = document.getElementById("myForm"); const isValid = form.checkValidity();

1. **setCustomValidity**: This method is used to set a custom error message on a form element when it fails validation. This allows you to provide custom error messages to users.

const input = document.getElementById("myInput");

if (!input.checkValidity()) {

input.setCustomValidity("Please enter a valid value");

} else {

input.setCustomValidity("");

}

In this example, if the input value is invalid, a custom error message is set. If the input value is valid, the custom error message is cleared.