<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Class Static Methods</h2>

<p>A static method is created with the "static" keyword, and you can only call the method on the class itself.</p>

<p id="hello"></p>

<p id="hi"></p>

<p id="welcome"></p>

<script>

class Student {

constructor(name) {

this.studentname = name;

}

static hello() { // static method

return "Hello!!" ;

}

static welcome(x) {

return "Welcome " + x.studentname;

}

hi() {

return "Hi " + this.studentname;

}

}

myname = new Student("Carol");

//Call 'hello()' on the class Student and NOT on the 'myname' object because 'hello()' is a static method it cannot access object

document.getElementById("hello").innerHTML = Student.hello();

// Call 'hi()' on the 'myname' object:

document.getElementById("hi").innerHTML = myname.hi();

// Call 'welcome()' can access the object since parameter is passed

document.getElementById("welcome").innerHTML = Student.welcome(myname);

</script>

</body>

</html>