**CODING ASSIGNMENT 7.1 SOLUTION**

**Index.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Two Eyes Follow Mouse</title>

<style>

body {

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

background: #eee;

}

.eye {

width: 80px;

height: 80px;

background: white;

border: 3px solid black;

border-radius: 50%;

margin: 20px;

position: relative;

}

.pupil {

width: 20px;

height: 20px;

background: black;

border-radius: 50%;

position: absolute;

top: 40px;

left: 40px;

}

</style>

</head>

<body>

<div class="eye"><div class="pupil"></div></div>

<div class="eye"><div class="pupil"></div></div>

<script>

const pupils = document.querySelectorAll(".pupil");

document.addEventListener("mousemove", (e) => {

for (let i = 0; i < pupils.length; i++) {

pupils[i].style.left = (e.clientX / 50) + "px";

pupils[i].style.top = (e.clientY / 50) + "px";

}

});

</script>

</body>

</html>