**Data Structure and Algorithm Practicals**

11. Practical based on Brute Force technique

function bruteForceSubstringSearch(text, pattern) {

const lengthOfText = text.length;

const lengthOfPattern = pattern.length;

for (let i = 0; i < lengthOfText; i++) {

let j;

for (j = 0; j < lengthOfPattern; j++) {

if (text.charAt(i + j) !== pattern.charAt(j)) {

break;

}

}

if (j === lengthOfPattern) return i;

}

return lengthOfText;

}

console.log(bruteForceSubstringSearch('this is a test', 'test'));