

1. // Program to check if a number is Automorphic

```
function isAutomorphic(num) {  
    let square = num * num;  
    let numStr = num.toString();  
    let squareStr = square.toString()  
    return squareStr.endsWith(numStr);  
}  
  
let num = parseInt(prompt("Enter number: "));  
if (isAutomorphic(num)) {  
    console.log(num + " is an Automorphic Number");  
} else {  
    console.log(num + " is not an Automorphic Number");  
}
```

Output:

Enter number: 76

76 is an Automorphic Number

2. // Program to print Fibonacci series up to Nth term

```
function printFibonacciSeries(n) {  
    let a = 0, b = 1;  
    let series = [a]; // Start the series with 0  
    for (let i = 1; i <= n; i++) {  
        series.push(b);  
        let next = a + b;  
        a = b;  
        b = next;  
    }  
    console.log(series.join(" "));  
}
```

```
let n = parseInt(prompt("Enter the number of terms: "));  
printFibonacciSeries(n);
```

output:

Enter the number of terms: 9

0 1 1 2 3 5 8 13 21 34