1. Sum of Two Numbers (JS)

```
function sum(a, b) {
  return a + b;
}
console.log(sum(5, 3)); // 8
```

2. Check Even or Odd (JS)

```
function isEven(num) {
  return num % 2 === 0;
}
console.log(isEven(4)); // true
```

3. Simple Loop (JS)

```
for (let i = 1; i <= 5; i++) {
  console.log(i);
}</pre>
```

4. Array Sum (JS)

```
function arraySum(arr) {
  let total = 0;
  for (let num of arr) {
    total += num;
  }
  return total;
}
console.log(arraySum([1, 2, 3])); // 6
```

5. Factorial (JS)

```
function factorial(n) {
  let fact = 1;
  for (let i = 1; i <= n; i++) {
    fact *= i;
  }
  return fact;
}
console.log(factorial(5)); // 120</pre>
```

6. Palindrome Checker (JS)

```
function isPalindrome(str) {
  return str === str.split('').reverse().join('');
}
console.log(isPalindrome("racecar")); // true
```

7. React Counter Button

```
import { useState } from 'react';
function Counter() {
```

```
const [count, setCount] = useState(0);
 return (
    <div>
      {count}
      <button onClick={() => setCount(count + 1)}>Add</putton>
    </div>
  );
}
export default Counter;
8. Reverse a String (JS)
function reverseString(str) {
  return str.split('').reverse().join('');
console.log(reverseString("hello")); // "olleh"
9. Simple Fetch API Call (React)
import { useEffect, useState } from 'react';
function FetchData() {
  const [data, setData] = useState(null);
 useEffect(() => {
    fetch('https://api.example.com/data')
      .then(res => res.json())
      .then(json => setData(json));
  }, []);
 return <div>{JSON.stringify(data)}</div>;
}
export default FetchData;
```

10. Basic PHP Function

```
<?php
function multiply($a, $b) {
 return $a * $b;
echo multiply(4, 5); // 20
?>
```