

## Practical No 1

Design a HTML form for calculator for bit wise &, |, ^ operators

### HTML Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Practical No 1 (Rizvi Ahmed Abbas)</title>
</head>
<body>
  <h2>Name: Rizvi Ahmed Abbas</h2>
  <h3>Enroll No: 2005690171</h3>
  <label>No1</label>
  <input type="text" id="n1">
  <label>No2</label>
  <input type="text" id="n2">
  <label>Result</label>
  <input type="text" id="n3">
  <button onclick="AND()">&</button>
  <button onclick="OR()">|</button>
  <button onclick="NAND()">^</button>
</body>
<script src="PR1_1.js"></script>
</html>
```

### JsCode

```
function AND() {
  const num = document.getElementById("n1");
  const IntNum = parseInt(num.value);
  const num1 = document.getElementById("n2");
  const IntNum1 = parseInt(num1.value);
  const res = IntNum & IntNum1;
  document.getElementById('n3').value = res
}

function OR() {
  const num = document.getElementById("n1");
  const IntNum = parseInt(num.value);
  const num1 = document.getElementById("n2");
  const IntNum1 = parseInt(num1.value);
  const res = IntNum | IntNum1;
  document.getElementById('n3').value = res
}

function NAND() {
  const num = document.getElementById("n1");
  const IntNum = parseInt(num.value);
  const num1 = document.getElementById("n2");
```

```
const IntNum1 = parseInt(num1.value);  
const res = IntNum ^ IntNum1;  
document.getElementById('n3').value = res  
}
```

OutPut

**Name: Rizvi Ahmed Abbas**

**Enroll No: 2005690171**

No1  No2  Result

Name: Rizvi Ahmed Abbas

Enroll No: 2005690171

Batch No 3