Practical 3.3

Write a Javascript to take 2 digit number and then separate this two digits then multiply first digit by itself for second digit times.(Exa: 23, Output: 2 is multiply 3 times answer is: 8)

CODE:-

```html
<html>
<head>
<title>IU2341230099_pr-3.3</title>
<link rel="stylesheet" href="style5.css">

</head>
<body>
Enter a number: <input type="number" name="num" id="num" /> <br /> <br />
<button onclick="getAnswer()"> Result </button>
<h3 name="p1" id="p1"></p>
<script type="text/javascript">
function getAnswer() {
var num = parseInt(document.getElementById("num").value);
var base = parseInt(num / 10);
var power = num % 10;
var ans = 1;
for(let i = 0; i < power; i++)
ans = ans * base;
str = base + " to the power of " + power + " is " + ans;
document.getElementById("p1").innerHTML = str;
}
</script>
</body>
</html>
```

CSS:-

```css
body {
  font-family: Arial, sans-serif;
  background: #f9fafc;
  text-align: center;
  padding: 50px;
  color: #2c3e50;
}
input[type="number"] {
  padding: 10px;
  width: 160px;
  font-size: 16px;
  border: 2px solid #0077cc;
  border-radius: 6px;
  margin: 15px 0 20px 0;
  text-align: center;
  transition: border-color 0.3s ease;
}

input[type="number"]:focus {
  border-color: #005fa3;
  outline: none;
  box-shadow: 0 0 8px rgba(0, 95, 163, 0.6);
}
button {
  background-color: #0077cc;
  color: white;
  font-weight: bold;
  padding: 12px 25px;
  font-size: 16px;
  border-radius: 8px;
  border: none;
  cursor: pointer;
  transition: background-color 0.3s ease;
}

button:hover {
  background-color: #005fa3;
}

h3 {
  margin-top: 25px;
  background: #e6f0fa;
```
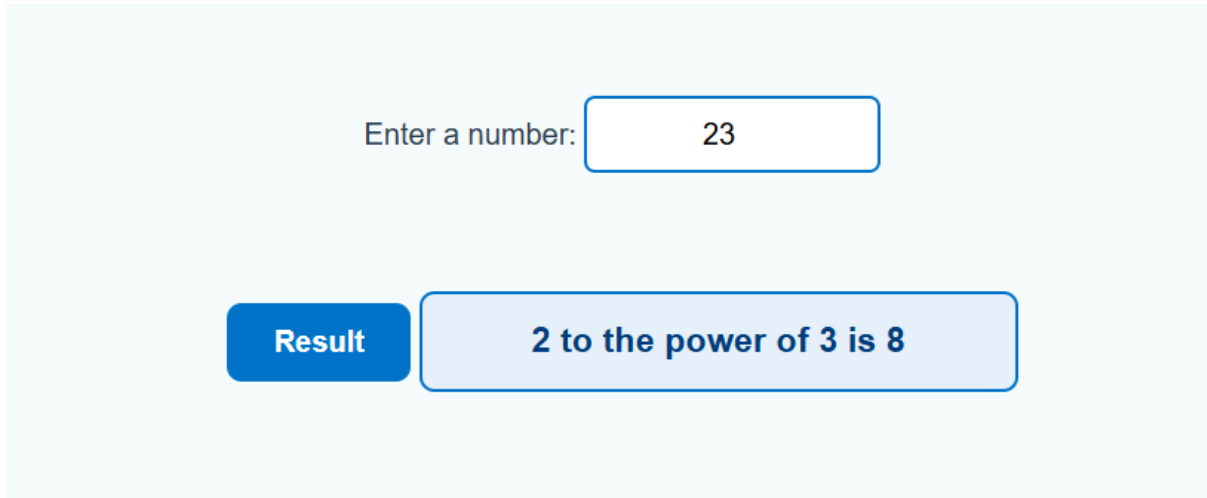
```
  color: #004080;
  padding: 15px 20px;
  border: 2px solid #0077cc;
  border-radius: 8px;
  display: inline-block;
  font-weight: bold;
  min-width: 280px;
}
```

Output:-

Signature   **Date**