

	PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE - 411043		
	DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG. ACADEMIC YEAR : 2023-24 SEM: 1		
CLASS : BE V [S5]		SUBJECT : JavaScript	
EXPT. NO. : 1	Roll No.: 42172	DATE :	
CODE :			
<pre> <html> <body style="text-align: center; background-color: beige"> <h1>Area of Different shapes</h1> <h3>42172 Vedansh Gupta</h3>
 <h3 style="color: blue">Rectangle Area Calculation</h3> Length= <input type="number" id="length" />
 Breadth= <input type="number" id="breadth" />
 <button style="background: pink" onclick="rectangle()">Calculate</button>
 Area= <h4 id="area_rectangle"></h4>
 <h3 style="color: blue">Circle Area Calculation</h3> Radius= <input type="number" id="radius" />
 <button style="background: pink" onclick="circle()">Calculate</button>
 Area= <h4 id="area_circle"></h4>
 <h3 style="color: blue">Triangle Area Calculation</h3> Side A= <input type="number" id="sidea" />
 Side B= <input type="number" id="sideb" />
 Side C= <input type="number" id="sidec" />
 <button style="background: pink" onclick="triangle()">Calculate</button>
 Area= <h4 id="area_triangle"></h4> </script> function rectangle() { var len = parseInt(document.getElementById("length").value); var bre = parseInt(document.getElementById("breadth").value); document.getElementById("area_rectangle").innerHTML = len * bre; } function circle() { var rad = parseInt(document.getElementById("radius").value); document.getElementById("area_circle").innerHTML = Math.PI * rad * rad; } function triangle() { </pre>			



```
var a = parseInt(document.getElementById("sidea").value);
var b = parseInt(document.getElementById("sideb").value);
var c = parseInt(document.getElementById("sidec").value);
const s = (a + b + c) / 2;
document.getElementById("area_triangle").innerHTML = Math.sqrt(
    s * (s - a) * (s - b) * (s - c)
);
}
</script>
</body>
</html>
```



OUTPUT :

Area of Different shapes

42172 Vedansh Gupta

Rectanlge Area Calculation

Length=
Breadth=

Area=

30

Circle Area Calculation

Radius=

Area=

314.1592653589793

Triangle Area Calculation

Side A=
Side B=
Side C=

Area=

51.521233486786784