

Practical – 1

Write a JavaScript program to calculate area of triangle, area of rectangle and area of circle.

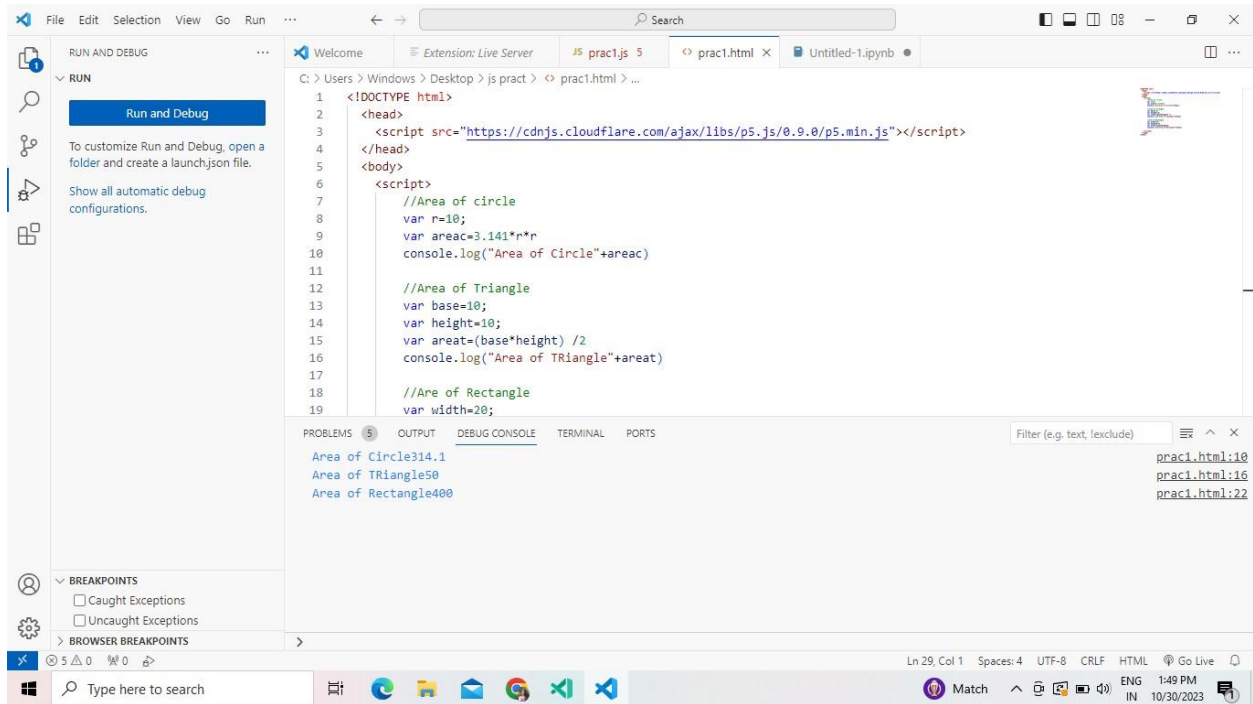
```
<!DOCTYPE html>
<head>
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/p5.js/0.9.0/p5.min.js"></script>
</head>
<body>
  <script>
    //Area of circle
    var r=10;
    var areac=3.141*r*r
    console.log("Area of Circle"+areac)

    //Area of Triangle
    var base=10;
    var height=10;
    var areat=(base*height) /2
    console.log("Area of TRiangle"+areat)

    //Are of Rectangle
    var width=20;
    var height2=20
    var arear=width*height2;
    console.log("Area of Rectangle"+arear)

  </script>
</body>
</html>
```

Output :



The screenshot shows the Visual Studio Code editor with a JavaScript file named `pract1.js` open. The code calculates the area of a circle, a triangle, and a rectangle. The output is displayed in the `DEBUG CONSOLE` panel.

```
1 <!DOCTYPE html>
2 <head>
3   <script src="https://cdnjs.cloudflare.com/ajax/libs/p5.js/0.9.0/p5.min.js"></script>
4 </head>
5 <body>
6   <script>
7     //Area of circle
8     var r=10;
9     var areac=3.141*r*r
10    console.log("Area of Circle"+areac)
11
12    //Area of Triangle
13    var base=10;
14    var height=10;
15    var areat=(base*height) /2
16    console.log("Area of TRIangle"+areat)
17
18    //Are of Rectangle
19    var width=20;
```

The `DEBUG CONSOLE` panel shows the following output:

```
Area of Circle314.1
Area of TRIangle50
Area of Rectangle400
```

The status bar at the bottom indicates the file is at line 29, column 1, with 4 spaces, UTF-8 encoding, and CRLF line endings. The system clock shows 1:49 PM on 10/30/2023.