

Assignment 13

```
<html >
```

```
<head>
```

```
  <title>Document</title>
```

```
  <script>
```

```
    function areaofcircle()
```

```
    {
```

```
      var a,b;
```

```
      a=parseInt(prompt("Enter a Nos:"))
```

```
      b=parseInt(prompt("Enter a Nos:"))
```

```
      var res;
```

```
      res=a*b/2
```

```
      // alert("res="+res)
```

```
      // alert("Area of Circle"+ areaofcircle())
```

```
      // document.getElementById("res").innerHTML="areaofcircle="+res;
```

```
      document.write("areaofcircle="+res)
```

```
    }
```

```
</script>
```

```
</head>
```

```
<body>
```

```
  <form action="">
```

```
    <!-- <input type="text" value="areaofcircle" onclick="areaofcircle()" -->
```

```
    <input type="button" value="areaofcircle" onclick="areaofcircle()">
```

```
  <p id="res"></p>
```

```
</form>
```

```
</body>
```

```
</html>
```

Assignment 13.b

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <title>Document</title>
```

```
  <script>
```

```
    function areaofrect()
```

```
    {
```

```
      var a,b;
```

```
      a=parseInt(prompt("Enter a Nos:"))
```

```
      b=parseInt(prompt("Enter a Nos:"))
```

```
      var res;
```

```
      res=a*b
```

```
      document.write("areaofrect="+res)
```

```
    }
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<form action="">

    <!-- <input type="text" value="areaofcircle" onclick="areaofcircle()" -->

    <input type="button" value="areaofrect" onclick="areaofrect()">

    <p id="res"></p>

</form>
```

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

Assignment 13.c

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <script>
        function areaoftriangle()
        {

            var a,b;

            a=parseInt(prompt("Enter a Nos:"))
            b=parseInt(prompt("Enter a Nos:"))

            var res;

            res=

            document.write("areaoftriangle="+res)

        }
```

```
</script>
```

```
</head>
```

```
<body>
```

```
  <form action="">
```

```
    <!-- <input type="text" value="areaofcircle" onclick="areaofcircle()" -->
```

```
    <input type="button" value="areaofrect" onclick="areaoftriangle()">
```

```
    <p id="res"></p>
```

```
  </form>
```

```
</body>
```

```
</html>
```

```
//////////function circle(radius)
```

```
{
```

```
  this.radius = radius;
```

```
  // area method
```

```
  this.area = function ()
```

```
  {
```

```
    return Math.PI * this.radius * this.radius;
```

```
  };
```

```
  // perimeter method
```

```
  this.perimeter = function ()
```

```
  {
```

```
    return 2*Math.PI*this.radius;
```

```
  };
```

```
}
```

```
var c = new circle(3);
```

```
console.log('Area =', c.area().toFixed(2));
```

```
console.log('perimeter =', c.perimeter().toFixed(2));//////////
```

Assignment 13.d

```
<!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>Document</title>
```

```
</head>
```

```
<body>
```

```
  <script>
```

```
    function add(){
```

```
      num1 =parseInt(prompt("Enter a Nos"))
```

```
      num2 =parseInt(prompt("Enter a Nos"))
```

```
      sum = num1 + num2;
```

```
      document.write('The sum of ' + num1 + ' and ' + num2 + ' is: ' + sum + "<br>");
```

```
    }
```

```
    add();
```

```
    function remquot(){
```

```
      num1 =parseInt(prompt("Enter a Nos"))
```

```
      num2 =parseInt(prompt("Enter a Nos"))
```

```
      quot = num1 / num2;
```

```
      rem=num1 % num2
```

```
      document.write('The rem of ' + num1 + ' and ' + num2 + ' is: ' + rem+"<br>");
```

```
        document.write('The quot of ' + num1 + ' and ' + num2 + ' is: ' + quot);  
    }  
    remquot();
```

```
</script>
```

```
</body>
```

```
</html>
```

Assignment 13.e

```
<html>
```

```
<head>
```

```
    <title>Js program Simple Interest</title>
```

```
</head>
```

```
<body>
```

```
    <script type="text/Javascript">
```

```
        function simple(p,n,r)
```

```
        {
```

```
            var p,n,r,si
```

```
            p=parseInt(prompt("Enter a nos a:"))
```

```
            n=parseInt(prompt("Enter a nos a:"))
```

```
            r=parseInt(prompt("Enter a nos a:"))
```

```
            si=(p*n*r)/100
```

```
            document.write("<b>p a nos is</b> : "+ p+"<br>")
```

```
            document.write("<b>n a nos is</b> : "+ n+"<br>")
```

```
            document.write("<b>r a nos is</b> : "+ r+"<br>")
```

```
document.write("<b>Si a nos is</b> : "+ si+"<br>")

}

simple()

</script>

</body>

</html>
```

Assignment 13.f

```
<html>

<head>
  <title>Js program to swap two numbers without using third variabkes</title>
</head>

<body>
  <script type="text/Javascript">
    function swap(a,b,c)
    {
      var a,b,c
      a=prompt("Enter a nos a:")
      b=prompt("Enter a nos b:")
      c=a
      a=b
```

b=c

document.write("Swap a nos is : "+ a+"
")

document.write("Swap b nos is : "+ b+"
")

document.write("Swap c nos is : "+ c+"
")

}

swap()

</script>

</body>

</html>

Assignment 13.g

<html>

<head>

<title>Js program to swap two numbers two numbers with using third variables</title>

</head>

<body>

<script type="text/Javascript">

function swap(a,b)

{

var a,b

a=parseInt(prompt("Enter a no"));

b=parseInt(prompt("Enter a no"));


```
a=a+b
b=a-b
a=a-b
document.write("<b>After swap</b> : a="+ a +"<br>" )
document.write("<b>after swap</b> : b="+ b )

}
swap()

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

Assignment 13.b