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<!DOCTYPE html>
<html>
<head>
       <title> Javascript Exercise</title>
</head>
<body>
       <img id="img1" class="img-bg" src="http://images.clipartpanda.com/circle-clip-art-</pre>
red-circle-md.png" />
       <img id="img2" class="img-bg" src="http://texample.net/media/tikz/examples/PNG/rgb-</pre>
triangle.png"/>
       <img id="img3" class ="img-bg"</pre>
src="https://maxwelldemon.files.wordpress.com/2012/03/2x1-rectangle.png"></img>
       <img id="img4" class ="img-bg"</pre>
src="https://upload.wikimedia.org/wikipedia/commons/thumb/b/b2/Green_square.svg/1000px-
Green square.svg.png"></img>
       <img id="img5" class ="img-bg" src="http://www.pngall.com/wp-</pre>
content/uploads/2016/04/Hexagon-PNG-Clipart.png"></img>
       <div class="container-div">
               <input type="button" id="Triangle" value="Triangle"</pre>
onclick="showImg2();CalculateAreaTriangle();">
              <input type="button" id="Circle" value="Circle"</pre>
onclick="showImg1();CalculateAreaCirc();">
              <input type="button" id="Rectangle" value="Rectangle"</pre>
onclick="showImg3();CalculateAreaRect();">
               <input type="button" id="Square" value="Square"</pre>
onclick="showImg5();CalculateAreaHex();">
       </div>
       </body>
<style>
       .img-bg{
              z-index: -100;
              display: none;
              height: 100%;
              position: absolute;
              top:0;
              left:0;
       .container-div{
              position:absolute;
               top:0;
               left:0;
              display: block;
              margin: auto auto;
       #img2{
              top:40px;
              right:30px;
              height:60%;
       #img1{
              top:40px;
              right:40px;
              height:60%;
       #img3{
              height: 60%;
              width: 60%;
              left:50px;
              top:40px;
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#img4{
                height:60%;
                left:50px;
                top:40px;
        }
</style>
   <form id="circleform" name=form1 align="right" style="display: none;">
       Enter the radius of circle:
      <input type="text" name="txtRadius" size=10>
      <input class="calculatebutton" type="button" value="Calculate"</pre>
onClick='CalculateAreaCirc();'>
      <div id="areamsg"></div>
      <div id="circumferencemsg"> </div>
   </form>
   <form id="triangleform" name=form2 align="right" style="display: none;">
       Enter the three sides of the triangle :
      <input type="text" name="side1" size= 10>
<input type="text" name="side2" size= 10>
      <input type="text" name="side3" size= 10>
      <br>
      <input class="calculatebutton" type="button" value="Calculate"</pre>
onClick='CalculateAreaTriangle();'>
      <div id="trimsg"></div>
      <div id="perimetermsg"> </div>
   </form>
   <form id="rectangleform" name=form3 align="right" style="display: none;">
       Enter the length, breadth of the rectangle :
      <input type="text" name="rectlen" size=10>
      <input type="text" name="rectbrd" size=10>
      <br>
      <input class="calculatebutton" type="button" value="Calculate"</pre>
onClick='CalculateAreaRect();'>
      <div id="rectareamsg"></div>
      <div id="rectpermsg"> </div>
   </form>
   <form id="squareform" name=form4 align="right" style="display: none;">
       Enter the side of the square :
      <input type="text" name="sqrside" size=10>
      <br>
      <input class="calculatebutton" type="button" value="Calculate"</pre>
onClick='CalculateAreaSqr();'>
      <div id="sqrareamsg"></div>
      <div id="sqrperimetermsg"> </div>
   </form>
   <form id="hexform" name=form5 align="right" style="display: none;">
       Enter the side of the hexagon:
      <input type="text" name="hexside" size=10>
      <hr>>
      <input class="calculatebutton" type="button" value="Calculate"</pre>
onClick='CalculateAreaHex();'>
      <div id="hexareamsg"></div>
      <div id="hexperimetermsg"> </div>
   </form>
<script>
 function CalculateAreaHex(){
   document.getElementById("rectangleform").style.display="none";
   document.getElementById("triangleform").style.display="none";
document.getElementById("circleform").style.display="none";
document.getElementById("squareform").style.display="none";
   document.getElementById("hexform").style.display="block";
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var hside =document.form5.hexside.value;
        document.getElementById("hexareamsg").innerHTML =("<P>The area of the hexagon is "
+ (2.59807621 * Math.pow(hside,2) ) + "");
        document.getElementById("hexperimetermsg").innerHTML =("<P>The perimeter of the
hexagon is " + (6 * hside) + "");
 function CalculateAreaSqr(){
   document.getElementById("hexform").style.display="none";
   document.getElementById("rectangleform").style.display="none";
   document.getElementById("triangleform").style.display="none";
   document.getElementById("circleform").style.display="none";
   document.getElementById("squareform").style.display="block";
     var side =document.form4.sqrside.value;
       document.getElementById("sqrareamsg").innerHTML =("<P>The area of the square is " +
(Math.pow(side,2)) + "");
       document.getElementById("sqrperimetermsg").innerHTML =("<P>The perimeter of the
square is " + (4 * side) + "");
  }
              function CalculateAreaRect(){
     document.getElementById("hexform").style.display="none";
               document.getElementById("triangleform").style.display="none";
               document.getElementById("circleform").style.display="none";
               document.getElementById("rectangleform").style.display="block";
   document.getElementById("squareform").style.display="none";
            var rectl =document.form3.rectlen.value;
            var rectb =document.form3.rectbrd.value;
       var rectarea = rectl * rectb;
       var rectperimeter = 2*(+rectl+ +rectb);
       document.getElementById("rectareamsg").innerHTML =("<P>The area of the rectangle is
 + (rectarea) +"");
       document.getElementById("rectpermsg").innerHTML =("<P>The perimeter of the rectangle
is " + (rectperimeter) +"");
              function CalculateAreaCirc(){
     document.getElementById("hexform").style.display="none";
               document.getElementById("rectangleform").style.display="none";
               document.getElementById("triangleform").style.display="none";
               document.getElementById("circleform").style.display="block";
   document.getElementById("squareform").style.display="none";
          var radius =document.form1.txtRadius.value;
       document.getElementById("areamsg").innerHTML =("<P>The area of the circle is " +
(radius * radius * Math.PI) + "");
       document.getElementById("circumferencemsg").innerHTML =("<P>The circumference of the
circle is " + (2 * radius * Math.PI) + "");
   }
    function CalculateAreaTriangle(){
     document.getElementById("hexform").style.display="none";
       document.getElementById("rectangleform").style.display="none";
        document.getElementById("circleform").style.display="none";
               document.getElementById("triangleform").style.display="block";
    document.getElementById("squareform").style.display="none";
           var a =document.form2.side1.value;
           var b =document.form2.side2.value;
           var c =document.form2.side3.value;
           var perimeter = +a + +b + +c;
           var s = (+a + +b + +c)*0.5;
           var area = Math.sqrt(s* + (s-a) * + (s-b) * + (s-c));
        document.getElementById("trimsg").innerHTML =("<P>The area of the triangle is " +
(area) + "");
        document.getElementById("perimetermsg").innerHTML =("<P>The perimeter of the
triangle is " + (perimeter) + "");
      function showImg1() {
           document.getElementById("img2").style.display="none";
document.getElementById("img3").style.display="none";
document.getElementById("img4").style.display="none";
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document.getElementById("img5").style.display="none";
              document.getElementById("img1").style.display="block";
         }
         function showImg2() {
                             document.getElementById("img1").style.display="none";
              document.getElementById("img2").style.display="block";
              document.getElementById("img3").style.display="none";
              document.getElementById("img4").style.display="none";
              document.getElementById("img5").style.display="none";
         function showImg3() {
         document.getElementById("img1").style.display="none";
         document.getElementById("img2").style.display="none";
              document.getElementById("img3").style.display="block";
              document.getElementById("img4").style.display="none";
              document.getElementById("img5").style.display="none";
         function showImg4() {
              document.getElementById("img2").style.display="none";
document.getElementById("img4").style.display="block";
document.getElementById("img3").style.display="none";
document.getElementById("img1").style.display="none";
              document.getElementById("img5").style.display="none";
         function showImg5() {
              document.getElementById("img2").style.display="none";
              document.getElementById("img5").style.display="block";
document.getElementById("img3").style.display="none";
document.getElementById("img1").style.display="none";
document.getElementById("img4").style.display="none";
         }
    </script>
</html>
```