[Web Programming #Lab4 ] s60162168 : 4weeks.html 03/26/21 18:29:45

```
1:
    2: <script>
    3: function makeSquare(leftX,leftY,rightX,rightY) {
          var willReturn = {
    4:
   5:
               //property
   6:
              leftX:leftX,
   7:
              leftY:leftY,
   8:
              rightX: rightX,
   9:
              rightY: rightY,
   10:
              //method
   11:
               getRound: function (){
   12:
                   return (Math.abs(leftX - rightX) * 2) + (Math.abs(leftY - rightY) *
2);
   13:
   14:
               getArea: function () {
   15:
                   return Math.abs(leftX - rightX) * Math.abs(leftY - rightY);
   16:
   17:
               toString: function () {
   18:
                   return "Area: ("+leftX+","+leftY+") to ("+rightX+","+rightY+") = " +
this.getArea() + "\n"
   19:
                  + "Circumstance("+leftX+","+leftY+") to ("+rightX+","+rightY+") = " +
this.getRound() + "\n\n";
   20:
   21:
           };
   22:
           return willReturn;
   23: }
   24:
   25: var square = [];
   26: square.push(makeSquare(100,200,150,250));
   27: square.push(makeSquare(50,50,100,400));
   28: square.push(makeSquare(45,100,10,50));
   29:
   30: var output = "Area and Circumstance\n\n";
   31:
   32: for(var i in square) {
   33:
          output += square[i].toString();
   34: }
   35: alert (output);
   36:
   37:
   38: </script>
```