```java
 1 package EKPL.Chapter4;
 2
 3 /**
 4  * Created by Sheldon on 11/3/2016.
 5  */
 6 public class CircleSegment {
 7   public static void main(String[] args) {
 8     double c = 10.0;
 9     double d = 12.0;
10     double r = d * 0.5;
11     System.out.printf("Radius %14s%,10.2f%7s%n", "(r)= ", r, " inches");
12     double delta = Math.sqrt(Math.pow(r, 2) - Math.pow(c * 0.5, 2));
13     System.out.printf("(r-h) %15s%,10.2f%7s%n", "= ", delta, " inches");
14     double h = r - delta;
15     System.out.printf("Segment height %6s%,10.2f%7s%n", "(h)= ", h," inches");
16
17     double A = (2.0 / 3.0 * c * h) + (Math.pow(h, 3) / (2 * c));
18     System.out.printf("Segment Area %8s%,10.2f%7s%n", "(A)= ",A , " inches ");
19   }
20 }
21
```