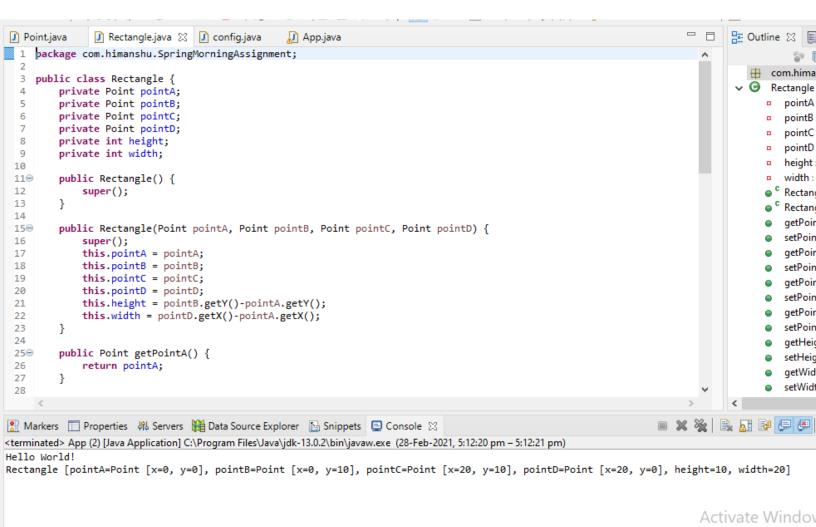
Create project with Rectangle as a base class.
 Create Point class and add 4 Point class objects in Rectangle.
 Add height and width also as properties in rectriangle class.
 Add spring configuration using JAVA BASED approach (Using java configuration class).

USING INDIVIDUAL POINT OBJECTS



OUTPUT

USING COLLECTIONS

```
- -
 🕡 config.java
               🔎 App.java 🖂
  9 */
  10 public class App {
  11⊝
         public static void main(String[] args) {
  12
            System.out.println("Hello World!");
  13
             ApplicationContext ctx = new AnnotationConfigApplicationContext(config.class);
  14
  15
             // using individual objects
             Rectangle rect = ctx.getBean(Rectangle.class);
  16
  17
             System.out.println(rect);
  18
  19
             // using list collection
  20
             RectangleWithList rect1 = ctx.getBean(RectangleWithList.class);
  21
22
             System.out.println(rect1);
 23
24
25
26
             // using map collection
            RectangleWithMap rect2 = ctx.getBean(RectangleWithMap.class);
            System.out.println(rect2);
  27
28
             // using set collection
             RectangleWithSet rect3 = ctx.getBean(RectangleWithSet.class);
  29
             System.out.println(rect3);
  30
  31
  32
     }
                                                                                      📳 Markers 🔲 Properties 🚜 Servers 🛍 Data Source Explorer 📔 Snippets 📃 Console 🛭
<terminated> App (2) [Java Application] C:\Program Files\Java\jdk-13.0.2\bin\javaw.exe (28-Feb-2021, 7:32:08 pm – 7:32:09 pm)
Rectangle [pointA=Point [x=0, y=0], pointB=Point [x=0, y=10], pointC=Point [x=20, y=10], pointD=Point [x=20, y=0], height=10, width=20]
RectangleWithList [points=[Point [x=0, y=0], Point [x=0, y=10], Point [x=20, y=10], Point [x=20, y=0]], height=10, width=20]
ReactangleWithMap [map={1=Point [x=0, y=0], 2=Point [x=0, y=10], 3=Point [x=20, y=10], 4=Point [x=20, y=0]}, height=10, width=20]
ReactangleWithSet [set=[Point [x=0, y=10], Point [x=20, y=0], Point [x=20, y=10], Point [x=0, y=0]], height=10, width=20]
                                                                                                                     Activate W
```

OUTPUT

