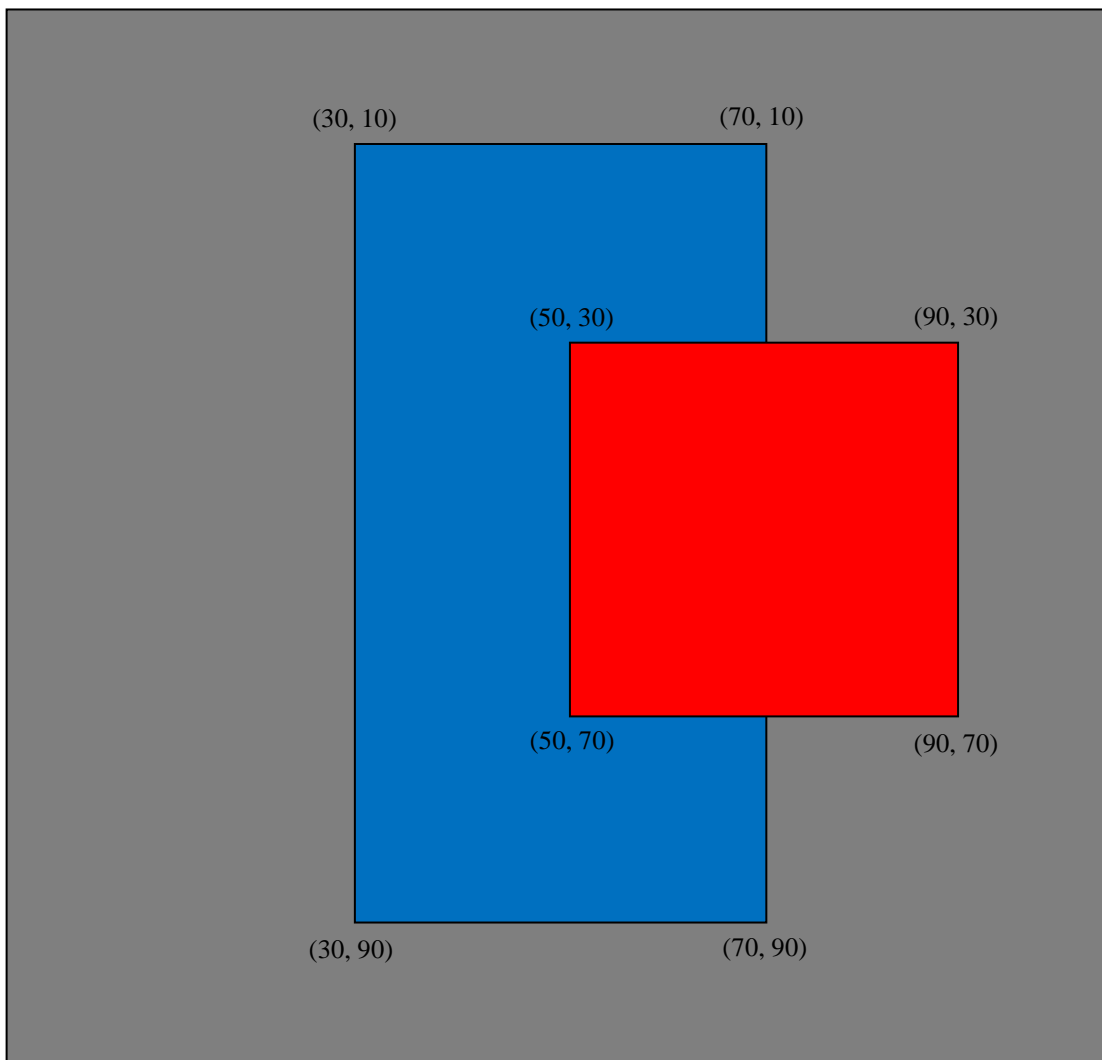


1. (10 Points) What is drawn by the following processing program? Draw an accurate picture in the processing window below. Indicate the coordinates of each corner of each rectangle. Indicate the colors of all regions within the processing window. Specify colors by writing one of the following words: white, gray, black, red, green, blue. Your drawing should make it clear which objects are drawn in front of which other objects.

```
size(100,100);  
background(125);  
rectMode(CENTER);  
stroke(0);  
fill(0,0,255);  
rect(50,50,40,80);  
rectMode(CORNERS);  
stroke(0);  
fill(255,0,0);  
rect(50,30,90,70);
```

Processing Window



2. (10 Points) The Processing program below contains 5 syntax errors. Find each error, give its line number and a short description.

```
1.  size(200,200);  
2.  rectMode(center);  
3.  rectangle(100,100,20,100);  
4.  ellipse(100,70,60,60)  
5.  ellipse(81,70,16,32);  
6.  ellipse(119,70,16);  
7.  line(90,150,80,160);  
8.  lime(110,150,120,160);
```

Line: **2** Error description: **center should be CENTER**

Line: **3** Error description: **rectangle should be rect**

Line: **4** Error description: **statement must end in semi-colon ;**

Line: **6** Error description: **function ellipse() needs 4 arguments**

Line: **8** Error description: **lime should be line**