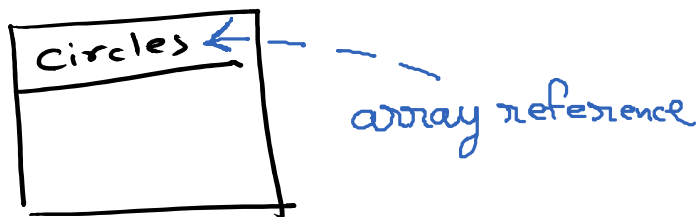


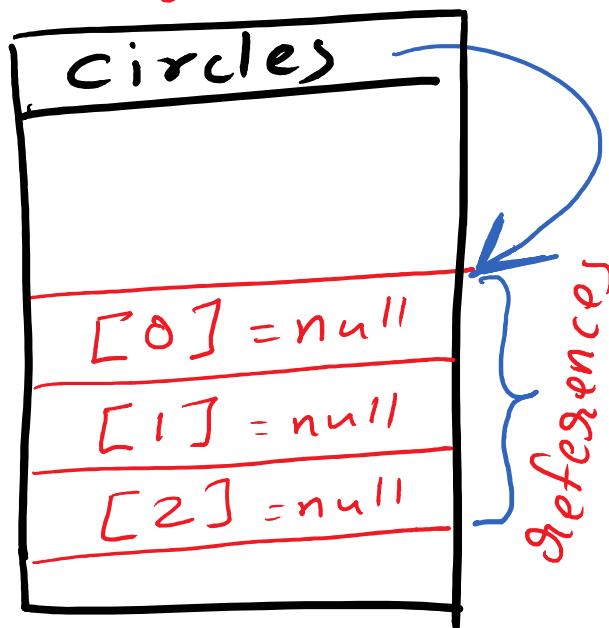
```
public class Circle {  
    private int radius; // assume getters and setters  
    public double area() {  
        return Math.PI * radius * radius;  
    }  
}
```

Circle [] circles;



Circles = new Circle[3];

instantiated to an array containing 3 Circle objects



Each of the 3 objects



Each of the 3 objects
is initialized to the
default value for
an object — null

So, we must instantiate
each item of the array

```
for (int i=0; i< circles.length; i++)  
{  
    circles[i] = new Circle();  
    circles[i].setRadius(i+1);  
}
```

