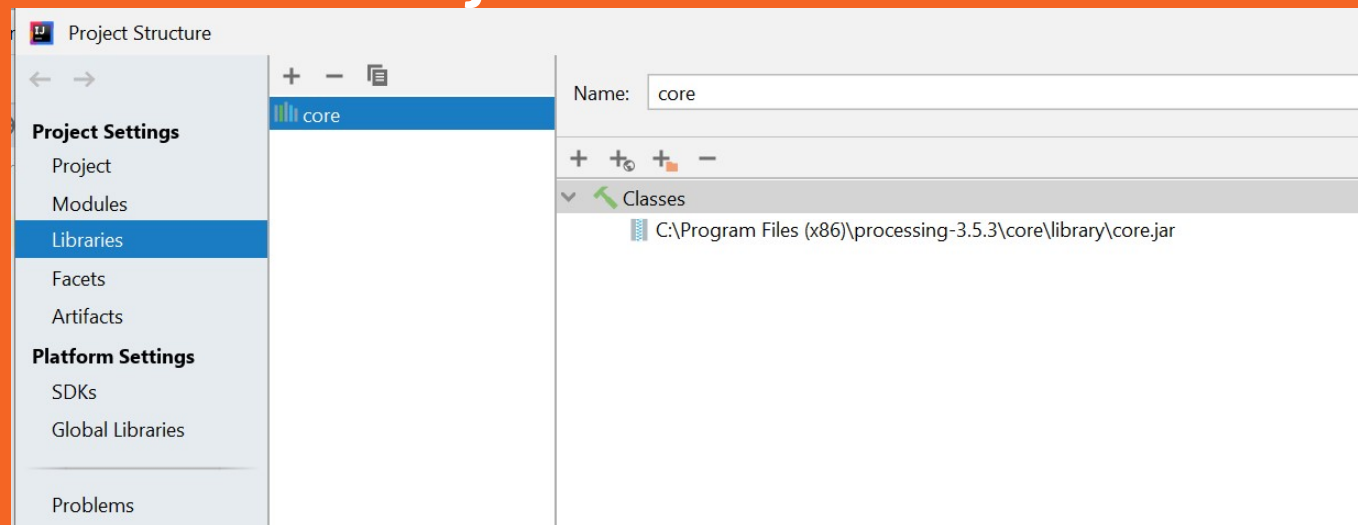


Usare Processing in IntelliJ Idea

- Importare la libreria core.jar



- La classe main estende la classe PApplet
- Per usare metodi e attributi ci si deve riferire alla classe principale

Classe Cerchio

```
import java.awt.*; //per la classe Color
import processing.core.PApplet;

public class Cerchio {
    private float dim; //diametro cerchio
    ...
    private PApplet processing; //oggetto finestra in cui viene usato

    public Cerchio(PApplet processing){
        this.processing = processing;
        cordX = processing.width / 2; //piazzato al centro della finestra
        cordY = processing.height / 2;
        colore = new Color(255, 255, 255); //bianco
        bordo = new Color (0, 0, 0); //nero
        dim = DIM_DEFAULT;
    }

    public void show(){
        processing.stroke(bordo.getRGB()); //colore bordo
        processing.fill(colore.getRGB()); //colore di riempimento
        processing.circle(cordX, cordY, dim); //centro X,Y e diametro dim
    }

    public void setDim(float dim){
        if (dim >= 0) this.dim = dim; //altrimenti lascia invariato
    }
}
```

Programma principale

```
public class Inizio extends PApplet{  
    // The argument passed to main must match the class name  
    public static void main(String[] args) {  
        PApplet.main("Inizio");  
    }  
  
    // method used only for setting the size of the window  
    public void settings(){ size(640, 360); }  
  
    // runs once at the beginning  
    public void setup(){  
        Cerchio c= new Cerchio(this);    //gli passa la PApplet  
    }  
  
    // runs over and over again as long as the program is  
    // still running  
    public void draw(){  
        c.show();  
    }  
}
```