



```
/*Paula Azuara García - p4_porta*/
```

```
int bgColor;
```

```
import processing.pdf.*;
```

```
boolean record;
```

```
void setup () {  
  size (300, 300);  
  frameRate(5);  
  bgColor = color(255);  
}
```

```
void draw(){
```

```
  if(record){  
    beginRecord(PDF, "porta-####.pdf");  
  }
```

```
  background(bgColor);
```

```
  puerta_paula(random(100,300),random(190,300));
```

```
  if (record){  
    endRecord();  
    record = false;  
  }  
}
```

```
void puerta_paula (float amplio, float alto){
```

```
  //door  
  strokeWeight(3);  
  rectMode (CENTER);  
  stroke (#FFAD21);  
  fill (#33302B);  
  rect (amplio/2, alto/2, amplio,alto,3);
```

```
  //window  
  fill(bgColor);  
  rect (amplio/2,alto/4,amplio/2,alto/5,3);
```

```
  //knob  
  line (amplio/7,alto/2,amplio/3,alto/2);
```

```
}
```

```
  void mousePressed() {  
    record = true;  
  }
```