

```

/* insertImgTool prototype*/

let startX, startY; // rectangle initial coordinates
let endX, endY;      // rectangle final coordinates
let isDrawing = false; // boolean to detect if the user is drawing
let input;
let img;
let imageInserted = false;
function setup() {
  createCanvas(600, 400);
  input = createFileInput(handleImage);
  input.position(0, 410);
}

function draw() {
  background(220);

  // drawing real-time rectangle
  if (isDrawing && mousePressOnCanvas()) {
    noFill();
    stroke(0);
    rect(startX, startY, mouseX - startX, mouseY - startY);
  }

  rect(startX, startY, endX - startX, endY - startY);
  if (img) {
    image(img, startX, startY, endX - startX, endY - startY);
  }
}

function mousePressed() {
  // Registra el punto de inicio cuando haces clic
  if(mousePressOnCanvas() && !imageInserted){
    startX = mouseX;
    startY = mouseY;
    isDrawing = true;
  }}

function mouseReleased() {
  // Registra el punto final y detiene el dibujo al soltar el clic
  if(mousePressOnCanvas() && !imageInserted){
    endX = mouseX;
    endY = mouseY;
    isDrawing = false;
  }}

```

```
imageInserted = true;

// Dibuja el rectángulo final
noFill();
stroke(0);
//rect(startX, startY, endX - startX, endY - startY);
}}
function handleImage(file) {
  if (file.type === 'image') {
    img = createImg(file.data, '');
    img.hide();
  } else {
    img = null;
  }
}
function mousePressOnCanvas() {
  if (mouseX < width && mouseY < height) {
    return true;
  }
  return false;
}
```