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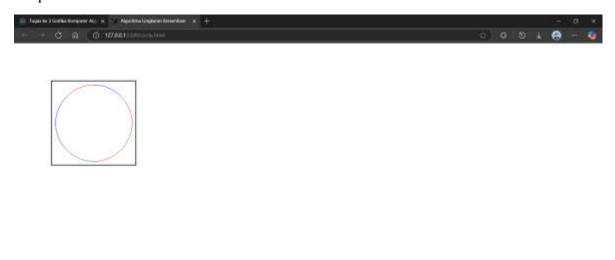
Kelas: B

Grafika Komputer

Algoritma Lingkaran Bresenham

```
<!DOCTYPE html>
<html lang="id">
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Algoritma Lingkaran Bresenham</title>
  <canvas id="layar" width="400" height="400"></canvas>
     const layar = document.getElementById("layar");
const ctx = layar.getContext("2d");
       function gambarPiksel(x, y, color) {
  ctx.fillStyle = color;
  ctx.fillRect(x, y, 1, 1);
      function titiklingkaran(x0, y0, x, y) {
  gambarPiksel(x0 + x, y0 + y, "red");
  gambarPiksel(x0 - x, y0 + y, "green");
  gambarPiksel(x0 + x, y0 - y, "blue");
  gambarPiksel(x0 - x, y0 - y, "red");
  gambarPiksel(x0 - y, y0 + x, "green");
  gambarPiksel(x0 - y, y0 + x, "blue");
  gambarPiksel(x0 - y, y0 - x, "red");
  gambarPiksel(x0 - y, y0 - x, "blue");
}
           titikLingkaran(x0, y0, x, y);
                  titikLingkaran(x0, y0, x, y);
       lingkaranBresenham(200, 200, 100);
        ctx.strokeStyle = "black";
       ctx.lineWidth - 2;
ctx.strokeRect(90, 90, 320, 220);
```

Output:





```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Algoritma Lingkaran Midpoint</title>
       <canvas id="layar" width="400" height="400"></canvas>
               const layar = document.getElementById("layar");
                       ctx.fillStyle = color;
ctx.fillRect(x, y, 1, 1);
               function titikLingkaran(x0, y0, x, y) {
   gambarPiksel(x0 + x, y0 + y, "red");
   gambarPiksel(x0 - x, y0 + y, "green");
   gambarPiksel(x0 + x, y0 - y, "blue");
   gambarPiksel(x0 - x, y0 - y, "red");
   gambarPiksel(x0 + y, y0 + x, "green");
   gambarPiksel(x0 - y, y0 + x, "blue");
   gambarPiksel(x0 - y, y0 - x, "red");
   gambarPiksel(x0 - y, y0 - x, "green");
}
                        titikLingkaran(x0, y0, x, y);
                                titikLingkaran(x0, y0, x, y);
</body>
```

Output:



