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import tkinter as tk
from tkinter import colorchooser, simpledialog



class PaintApp:
   def __init__(self,root):
       self.root=root
       self.root.title("Ms-Paint Clone")

       self.pen_button=tk.Button(self.root,text="Pen",bg="white",
command=self.use_pen)
       self.pen_button.pack(side=tk.LEFT)


       self.brush_button = tk.Button(self.root, text="Brush", bg="white",
command=self.use_brush)
       self.brush_button.pack(side=tk.LEFT)


       self.color_button = tk.Button(self.root, text="Color", bg="white",
command=self.choose_color)
       self.color_button.pack(side=tk.LEFT)


       self.size_button = tk.Button(self.root, text="Size", bg="white",
command=self.choose_color)
       self.size_button.pack(side=tk.LEFT)

       self.canvas= tk.Canvas(self.root, bg="white", width=800, height=600)
       self.canvas.pack()

       self.canvas.bind("<B1-Motion>",self.paint)

       self.pen_color="black"
       self.pen_size=1
       self.tool="pen"
   def use_pen(self):
       self.tool="pen"
       self.pen_size=1
   def use_brush(self):
       self.tool="brush"
       self.pen_size=5
   def choose_color(self):
       color=colorchooser.askcolor(color=self.pen_color)[1]
       if color:
           self.pen_color=color
   def paint(self,event):
       x1, y1 = (event.x - self.pen_size), (event.y - self.pen_size)
       x2, y2 = (event.x + self.pen_size), (event.y + self.pen_size)
```

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        self.canvas.create_oval(x1, y1, x2, y2, fill=self.pen_color,
outline=self.pen_color)



if __name__ == "__main__":
    root = tk.Tk()
    app = PaintApp(root)
    root.mainloop()
```