

# Creating an Animated Pie Chart

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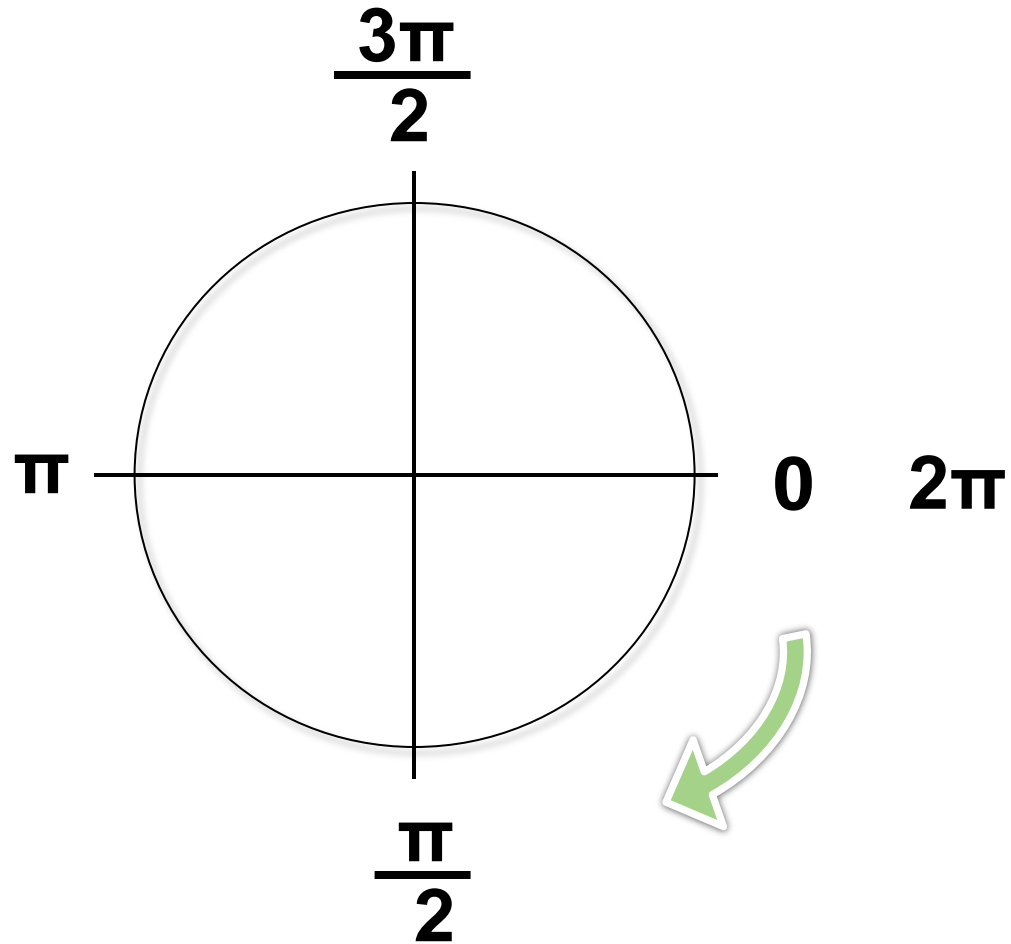
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# Introduction

- **Custom Drawing in a Canvas**
- **Animating Canvases**
- **Using a State Machine for Animation**
- **Working with Angles in Radians**
- **Animate DOM Elements**
- **Modular Source Code**

# Using Angles with a Canvas



# State Machine for Animation

## StateIdle

- No animation

## StateRotating

- Animating

## StateSeparating

- Animating

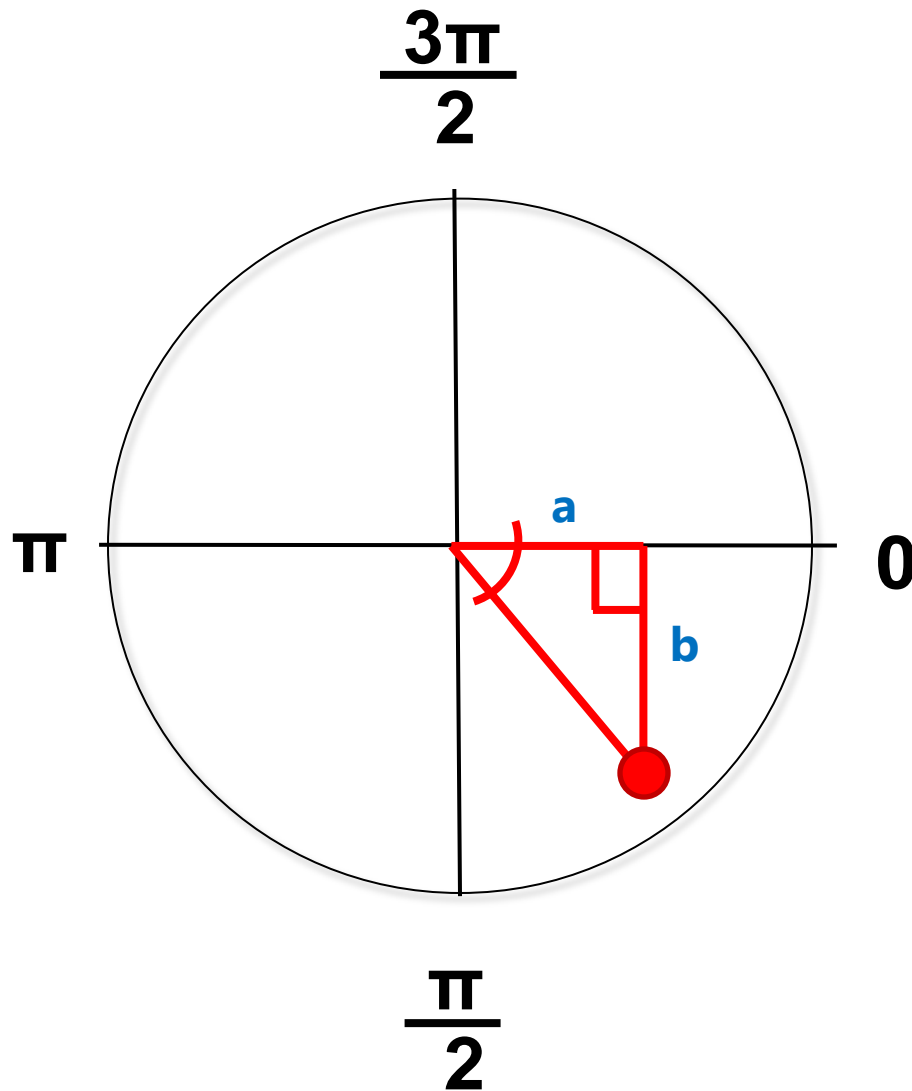
## StateSeparated

- No animation

## StateJoining

- Animating

# Determine an Angle from a Touched Point



# Summary

- **Drew Directly into a Canvas**
- **Animated Canvas Elements**
- **Created a simple State Machine for Animation**
- **Worked with Circles and Radians**