/\* www.youtube.com/CodeExplained \*/

// SELECT CHART ELEMENT

const chart = document.querySelector(".chart");

// CREATE CANVAS ELEMMENT

const canvas = document.createElement("canvas");

canvas.width = 50;

canvas.height = 50;

// APPEND CANVAS TO CHART ELEMENT

chart.appendChild(canvas);

// TO DRAW ON CANVAS, WE NEED TO GET CONTEXT OF CANVAS

const ctx = canvas.getContext("2d");

// CHANGE THE LINE WIDTH

ctx.lineWidth = 8;

// CIRCLE RADIUS

const R = 20;

function drawCircle(color, ratio, anticlockwise){

ctx.strokeStyle = color;

ctx.beginPath();

ctx.arc( canvas.width/2, canvas.height/2, R, 0, ratio \* 2 \* Math.PI, anticlockwise);

ctx.stroke();

}

function updateChart( income, outcome){

ctx.clearRect(0, 0, canvas.width, canvas.height);

let ratio = income / (income+outcome);

drawCircle("#FFFFFF", - ratio, true);

drawCircle("#F0624D", 1 - ratio, false);

}