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//
//  ViewController.swift
//  practical7
//
//  Created by TONY MIKAELSON on 31/03/24.
//

import UIKit

class ViewController: UIViewController {

    @IBOutlet weak var rectangleView: UIView!
    @IBOutlet weak var widthSlider: UISlider!
    @IBOutlet weak var heightSlider: UISlider!

    var width: CGFloat = 110
    var height: CGFloat = 110

    override func viewDidLoad() {
        super.viewDidLoad()
        rectangleView.frame = CGRect(x: 170, y: 402, width: width, height:
            height)
    }

    @IBAction func widthSliderValueChanged(_ sender: UISlider) {
        width = CGFloat(sender.value)
        updateRectangleSize()
    }

    @IBAction func heightSliderValueChanged(_ sender: UISlider) {
        height = CGFloat(sender.value)
        updateRectangleSize()
    }

    @IBAction func resetButtonTapped(_ sender: UIButton) {
        // Reset width and height to default values
        width = 110
        height = 110
        // Update rectangle size
        updateRectangleSize()
        // Reset slider values
        widthSlider.value = Float(width)
        heightSlider.value = Float(height)
    }

    func updateRectangleSize() {
        rectangleView.frame = CGRect(x: 170, y: 402, width: width,
            height: height)
    }
}

```