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# -*- coding: utf-8 -*-
"""
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"""
## 4.11.1. Exercise

import turtle
import math

def rectangle(width, height, char='*'):
    if width < 1 or height <1:
        print("Width and height must be greater than 0.")
        return

    for i in range(height):
        print(char * width)

## 4.11.2. Exercise

def rhombus (side_length, angle_deg):
    if side_length <= 0 or angle_deg <= 0 or angle_deg>=188:
        print("Invalid side length or angle. Angle must be between 0 and 180")
        return
    angle1=angle_deg
    angle2=180-angle1

    t=turtle.Turtle()
    t.speed(1)

    for _ in range(2):
        t.forward(side_length)
        t.left(angle1)
        t.forward(side_length)
        t.left(angle2)

    turtle.done()

## 4.11.3. Exercise

def parallelogram (side_a, side_b, angle_deg):
    if side_a <= 0 or side_b <= 0 or angle_deg <= 0 or angle_deg >= 180:
        print("Invalid side lengths or angle. Angle must be between 0 and 180.")
        return

    angle1= angle_deg
    angle2= 180-angle1

    t= turtle.Turtle()
    t.speed(1)

    for _ in range(2):
        t.forward(side_a)
        t.left(angle1)
        t.forward(side_b)

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t.left(angle2)

turtle.done()

## Rewrite

def rectangle(width,height):
    parallelogram(width, height, 90)

def rhombus (side_length, angle_deg):
    parallelogram(side_length, side_length, angle_deg)
```