

File Edit Shell Debug Options Window Help

Python 3.6.9 (default, Jan 26 2021, 15:33:00)

[GCC 8.4.0] on linux

Type "help", "copyright", "credits" or "license()" for more information.

>>>

RESTART: /home/ubuntu/Desktop/UPWORK/10th Job Upwork/rectangleClient (1).py

Testing Rectangle and Point classes.

Creating Rectangle 0

Creating Rectangle 1

Creating Rectangle 2

Width cannot be negative or zero. Setting it to the default value of 1

Creating Rectangle 3

Height cannot be negative or zero. Setting it to the default value of 1

Checking rectangle count, should be 4.

Rectangle count: 4

Rectangles[0] before processing.

Top: 2, Left: 1, Width: 3, Height: 4, Bottom: 6, Right: 4, Area: 12, Perimeter: 14

Rectangles[0] after doubling width and height.

Top: 2, Left: 1, Width: 6, Height: 8, Bottom: 10, Right: 7, Area: 48, Perimeter: 28

Rectangles[1] before processing.

Top: 6, Left: 5, Width: 7, Height: 8, Bottom: 14, Right: 12, Area: 56, Perimeter: 30

Rectangles[1] after translating by (10,10).

Top: 16, Left: 15, Width: 7, Height: 8, Bottom: 24, Right: 22, Area: 56, Perimeter: 30

Rectangles[2] before processing.

Top: 10, Left: 9, Width: 1, Height: 12, Bottom: 22, Right: 10, Area: 12, Perimeter: 26

Width cannot be negative or zero.

Rectangles[2] after attempting to set width to -2.

Top: 10, Left: 9, Width: 1, Height: 12, Bottom: 22, Right: 10, Area: 12, Perimeter: 26

Rectangles[3] before processing.

Top: 14, Left: 13, Width: 15, Height: 1, Bottom: 15, Right: 28, Area: 15, Perimeter: 32

Rectangles[3] after resetting width and height to 15 and 16.

Top: 14, Left: 13, Width: 15, Height: 16, Bottom: 30, Right: 28, Area: 240, Perimeter: 62

Thanks for your patience! Goodbye

>>> |