

Answer on Question #68273, Programming & Computer Science / Python

Question:

- a) Write to ask the user input the width and length of a rectangle and then the area and the perimeter of this rectangle.
- b) do the input validation to make sure that the user will not input a negative number.

Solution:

```
width, height = -1, -1
# Input width + validate input
while width < 0:
    try :
        width = int(raw_input("width="))
    except : # not a number
        width = -1
while height < 0:
    try :
        height = int(raw_input("height="))
    except :
        height = -1
area = width * height
perimeter = 2 * width + 2 * height
print("Area      : " + str(area))
print("Perimeter: " + str(perimeter))
raw_input("Press any key to exit...")
```