```python
class Rectangle:
  def __init__(self, width=0, height=0):
    self.width = width
    self.height = height
    self.area = self.width*self.height
    self.perimeter =  2*self.height + 2*self.width


  def getStats(self):
    return ("width: {}\n".format(self.width) +
    "height: {}\n".format(self.height) +
    "area: {}\n".format(self.height*self.width) +
    "perimeter: {}".format(2*self.height + 2*self.width))


def main():
    print ("Rectangle a:")
    a = Rectangle(5, 7)
    print ("area:       {}".format(a.area))
    print ("perimeter: {}".format(a.perimeter))


    print ("")
    print ("Rectangle b:")
    b = Rectangle()
    b.width = 10
    b.height = 20
    print (b.getStats())
main()
```