3.Create a class Rectangle with private attributes length and width. Overload '<' operator to compare the area of 2 rectangles

```
class Rectangle:
    def __init__(self, length, breadth):
        self._length=length
        self._breadth = breadth
        self.a = self._length*self._breadth
        print("Area of rectangle is : ",+self.a)
    def __lt__(selfe, other): # also lt for less than
         if(selfe.a<other.a):
             return True


print("Enter length and breadth of Rectangle 1 : ")
l1 = int(input())
b1 = int(input())
r1 = Rectangle(l1,b1)
print("Enter length and breadth of Rectange 2 : ")
l2 = int(input())
b2 = int(input())

r2 = Rectangle(l2,b2)

if(r2<r1):
    print("Area of Rectangle 2 is less than Rectangle 1 ")

else:
    if(r1<r2):
        print("Area of Rectangle 1 is less than Rectangle 2 ")
```

Output:

Enter length and breadth of Rectangle 1 :

4

7

Area of rectangle is : 28

Enter length and breadth of Rectange 2 :

8

7

Area of rectangle is : 56

Area of Rectangle 1 is less than Rectangle 2