

```
def __init__(self, a, b):  
    self.a = a  
    self.b = b  
  
def __str__(self):  
    return 'Vector (%d, %d)' % (self.a, self.b)  
  
def __add__(self, other):  
    return Vector(self.a + other.a, self.b + other.b)  
  
v1 = Vector(2,10)  
v2 = Vector(5,-2)  
print v1 + v2
```

When the above code is executed, it produces the following result:

```
Vector(7,8)
```

Data Hiding

An object's attributes may or may not be visible outside the class definition. You need to name attributes with a double underscore prefix, and those attributes then are not be directly visible to outsiders.

Example

```
#!/usr/bin/python  
  
class JustCounter:  
    __secretCount = 0  
  
    def count(self):
```