```
import numpy as np

class Neuron:
  def __init__(self, w1, w2):
    self.w1 = w1
    self.w2 = w2

  def linear_combiner(self):
    x = self.w1 + self.w2
    print(x)

  def activation_sigmoid(self, x):
    return 1.0 / (1.0 + np.exp(x))

  def activation_relu(self, x):
    if x >= 0:
      return x

    else:
      return 0


p1 = Neuron(4, 3)
p2 = Neuron(3, 2)


p1.linear_combiner()
```

```
     7
```

```
p1.activation_sigmoid(7)
```

```
     0.0009110511944006454
```

```
p1.activation_relu(-0.6)
```

```
     0
```