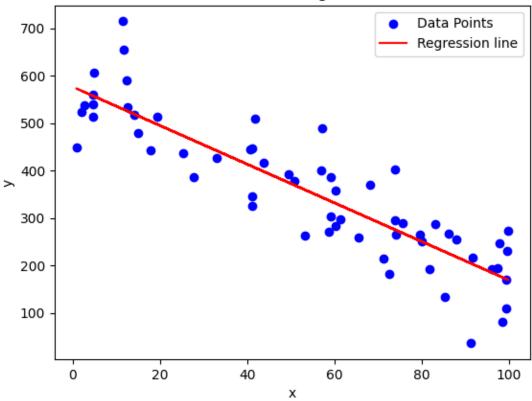
The images below is the code and its following output with the corresponding regression line computed:

The code

```
import csv
import matplotlib.pyplot as plt
with open('assignfiles/assign2.csv') as csvfile:
    reader = csv.reader(csvfile, delimiter = ',')
    next(csvfile) #skip the first line
    xs, ys = [], []
    for row in reader:
        xs.append(float(row[0]))
        ys.append(float(row[1]))
 ys = ys.unsqueeze(1)
xTensor = torch.ones(60,2)
 xTensor[:, 1] = xs
 omegaWeights = xTensor.transpose(0,1).mm(xTensor).inverse().mm(xTensor.transpose(0,1)).mm(ys)
         regression_line = omegaWeights[0].item() + omegaWeights[1].item() * xs
plt.plot(xs, regression_line, label="Regression line", color="red")
        plt.xlabel('x')
plt.ylabel('y')
plt.title('Scatter Plot with Regression Line')
plt.legend()
```

This is the output of the y-intercept or bias and the slope, respectively.

Scatter Plot with Regression Line



This is pretty straight forward