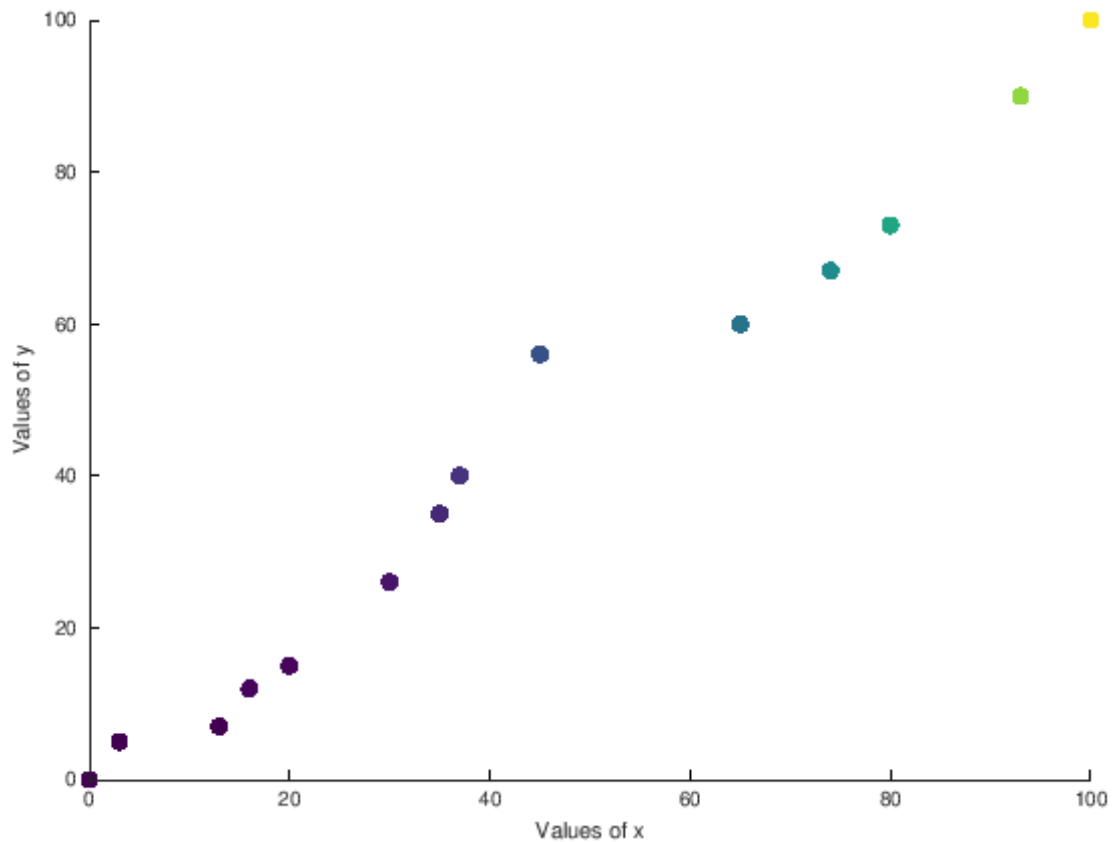# hw9_2

November 21, 2019

```
[1]: graphics_toolkit('gnuplot');
```

```
[2]: data = load('/home/pragalbhv/Junk/data.csv');
     clf;
     x = data(:,2);
     y = data(:,1);
     c=x.*y;
     %for color range
     scatter(x,y,500,c,"filled")
     xlabel('Values of x');
     ylabel('Values of y');
     pause;
```

Paused, enter any value to continue0

```
[5]: scatter(x,y,500,c,"filled")
     xlabel('Values of x');
     ylabel('Values of y');
     pause;
     coeffs = polyfit(x, y, 1);
     % Get fitted values
     fittedX = linspace(min(x), max(x), 200);
     fittedY = polyval(coeffs, fittedX);
     % Plot the fitted line
     hold on;
     plot(fittedX, fittedY, 'r-', 'LineWidth', 3);
```

Paused, enter any value to continue0