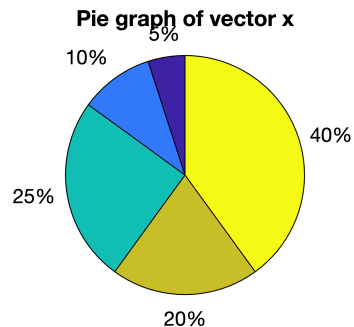
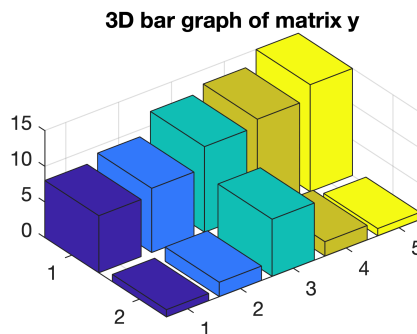
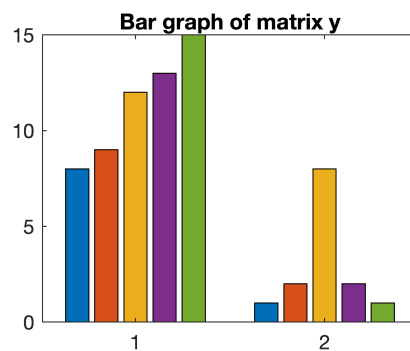
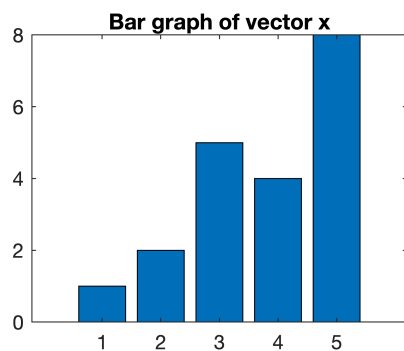


```

clc
clear

% Charts and graphs
x = [1 2 5 4 8];
y = [8 9 12 13 15
     1 2 8 2 1];
subplot(2, 2, 1)
bar(x)
title('Bar graph of vector x')
subplot(2, 2, 2)
bar(y)
title('Bar graph of matrix y')
subplot(2, 2, 3)
bar3(y)
title('3D bar graph of matrix y')
subplot(2, 2, 4)
pie(x)
title('Pie graph of vector x')

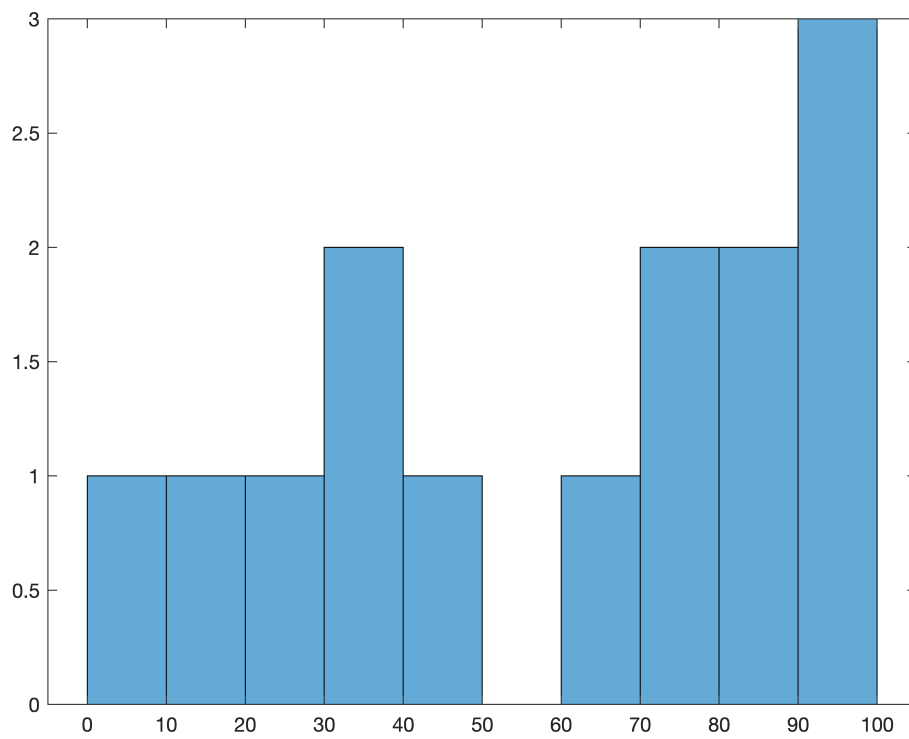
```



```

figure
% Histogram
x = [100,90, 77, 65, 89, 91, 83, 70, 44, 32, 38, 21, 12, 8];
sort(x);
histogram(x, 10)

```



```
% default bin size is 10
```

```
% bell curves
```

```
clc, clear
```

```
x = randn(1, 1000000);
```

```
% plot(x)
```

```
hist(x, 250)
```

