Subplot Example!

Write a function that only plots 3 sine graphs in a 1x3 subplot. Each plot will have a random number of pts to plot (somewhere between 5 and 50). All plots will have x-values in the range from 0 to 2π. The points should all be black circles. Finally, the titles of the three plots will indicate the number of points being plotted.

```
function plotrandin      % notice it's a plotting function so no output argument!
for i = 1:3
    npts = randi([5, 50]);
    x = linspace(0, 2*pi, npts);
    y = sin(x);
    subplot(1, 3, i)
    plot(x, y, 'ko')
    title(sprintf('%d points', npts))
end
end
```

subplot(arg1, arg2, arg3)

arg1: m-dimension of an mxn subplot

arg2: which plot to fill in (goes row-wise, NOT column-wise)

arg3: n-dimension of an mxn subplot