Problem Set 3:

```
nlist = [1,5,10,15];
reps = 1000;
storage_mat = zeros(reps,size(nlist,2));

for x = 1:size(nlist,2)
    n = nlist(x);
    for j = 1:reps
        storage_mat(j,x) = rank(randi([0 1],n));
    end
end

disp(mean(storage_mat))

    0.4870    4.2850    9.6870    14.9410

diary off
```