

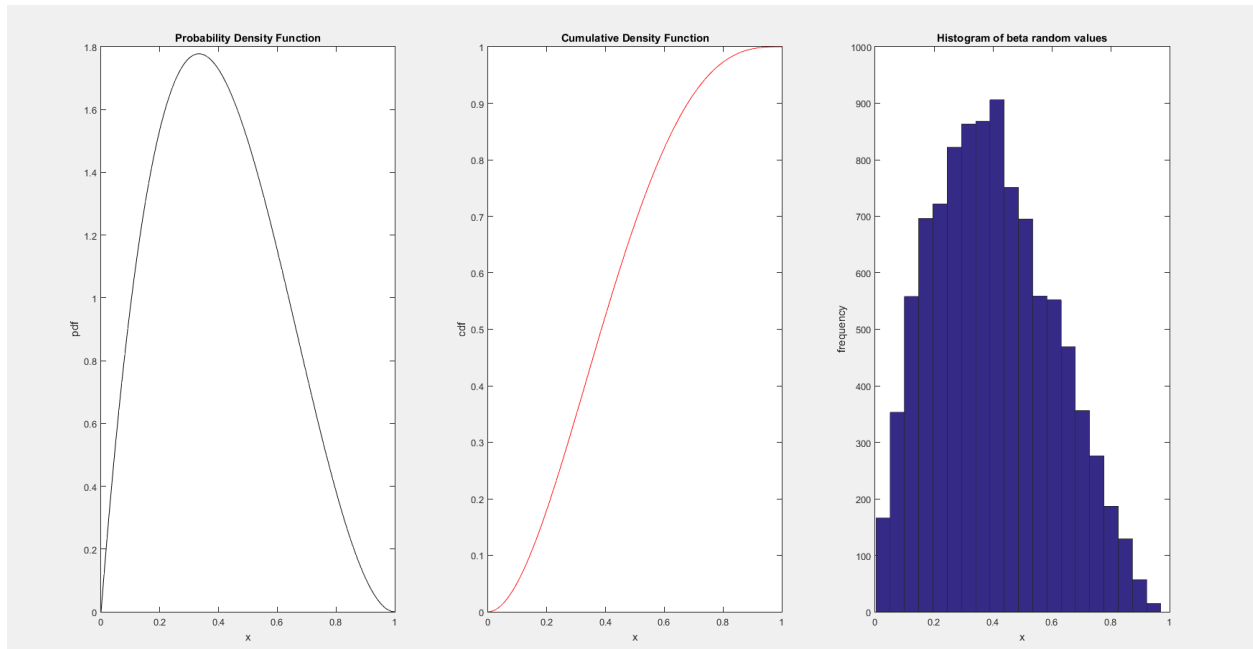
Sebastian Diaz Portillo

Probability

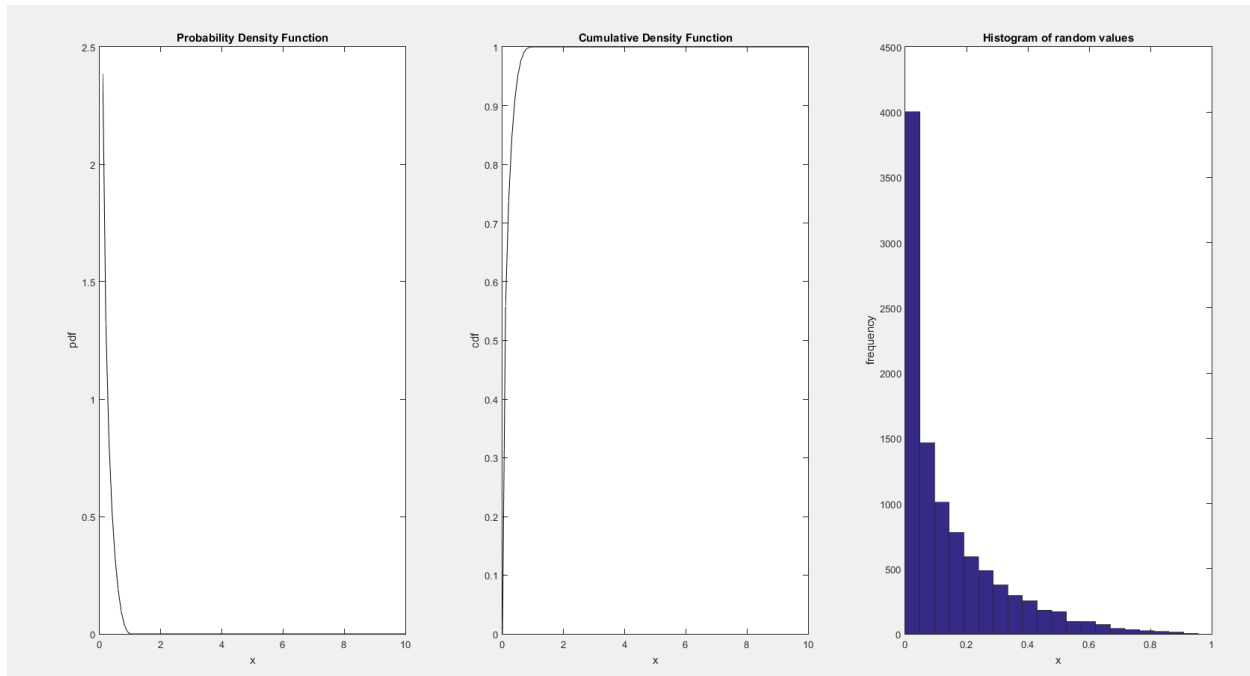
## Project 1

1.-

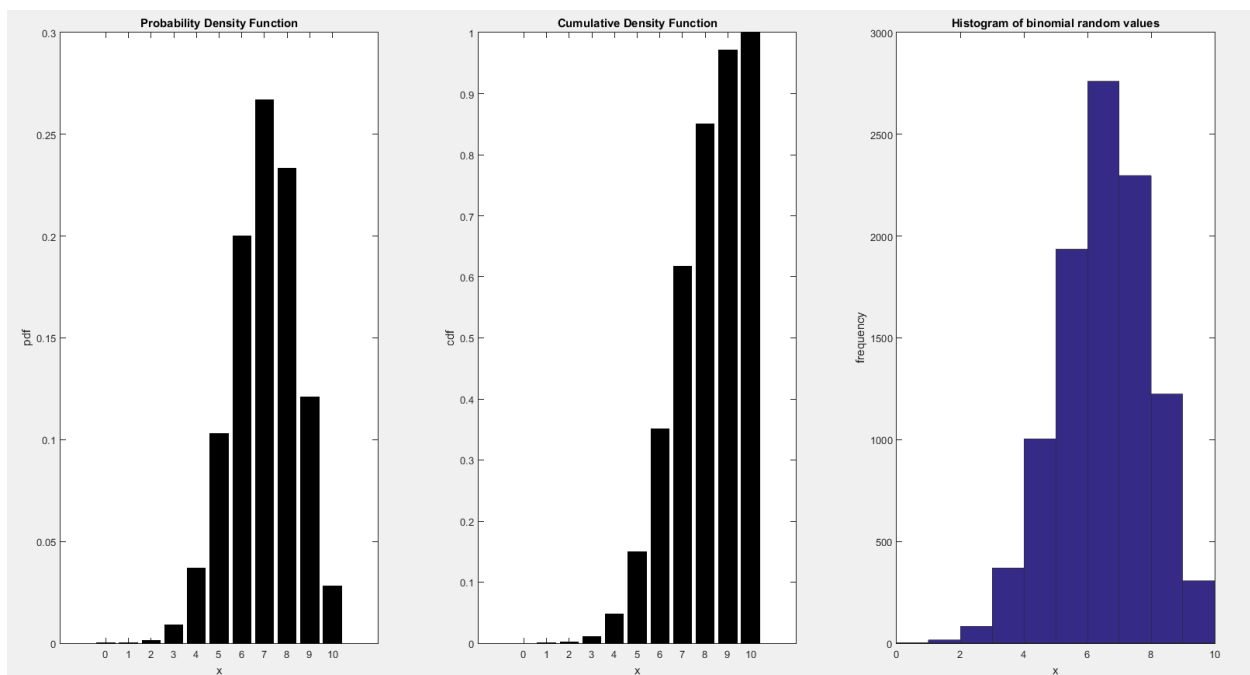
A)



B)



2.-



I'm so sorry, I tried scatter, but it never show up

3.-

```
Theta = [0.7;0.3]
T = 10;
digitset = 0:1;
Y = randsample(digitset,T,true,Theta)
```

Theta =

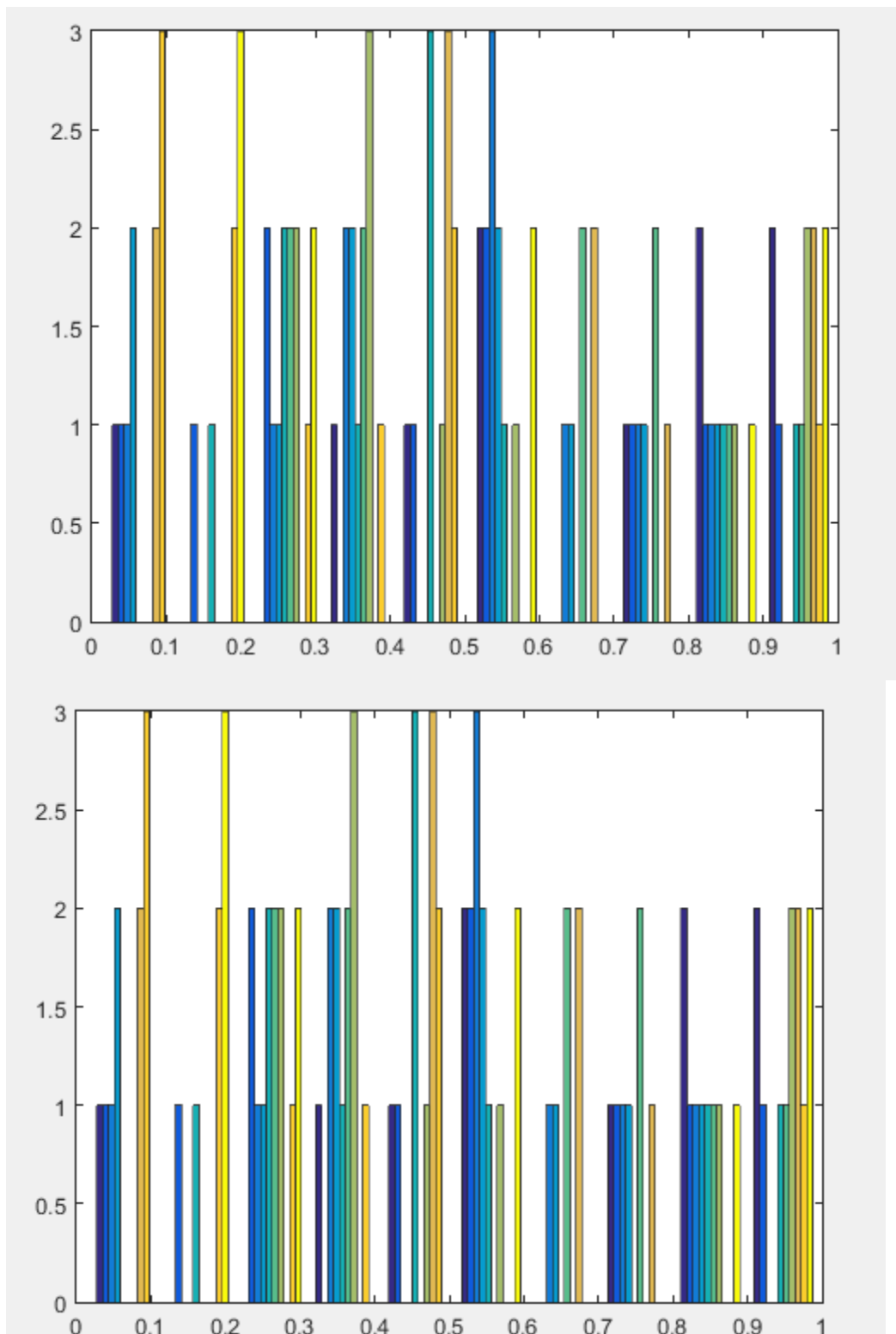
0.7000  
0.3000

Y =

0    0    1    0    0    0    0    1    1    0

4.-

```
i = unifrnd(0,1,10);  
seed = 1; rand('state',seed);  
hist(i,10);
```



5.-