

```

Editor - C:\Users\Ivani\Desktop\580\ass2.m
ass1.m  ass2.m  +
1      %doubt threshold given error requirment and sample size
2      delta=@(epsilon, number) 2*exp(-2*number*epsilon^2);
3      %expected error given doubt threshold and sample size
4      epsilon=@(delta, number) sqrt (log(2/delta)/(2 *number));
5      %sample size given required error and doubt threshold
6      number=@(delta, epsilon)log(2/delta)/(2*epsilon^2);
7
8      %Assignment 2A
9      C=0.98;
10     error=0.1;
11     disp(['Assignment 2a:'])
12     disp(number(1-C, error))
13
14     %Assignment 2B
15     N=100;
16     error = 0.1;
17     disp(['Assignment 2b:'])
18     disp(1-delta(error,N))

Command Window
New to MATLAB? See resources for Getting Started.
>> ass2
Assignment 2a:
    230.2585

Assignment 2b:
    0.7293
fx

```