ECE 321 Lab exercise - 9

Fall 2017

Exercise 1:

Create a program in C that inserts 10 random numbers to a BST. How many leafs does your tree have?

The following code creates a random number from 0 to 10:

```c
#include <stdlib.h>
#include <stdio.h>
#include <time.h>

void main( void )
{
   /* Seed the random-number generator with current time so that
    * the numbers will be different every time we run.
    */
   srand( (unsigned)time( NULL ) );

   printf( "%d\n", rand()%10 );
}
```

Tip: In order to use the functions as they were implemented in libc, you have to put the following line as the first line of your code:

#define _CRT_SECURE_NO_WARNINGS