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BSCS-5A

#131818

Lab 3 of Compiler Construction

**program.c:**

#include <stdio.h>

/\* Program for finding a leap year \*/

int main()

{

int year;

printf("Enter a year: ");

scanf("%d",&year);

if(year%4 == 0)

{

if( year%100 == 0)

{

// year is divisible by 400, hence the year is a leap year

if ( year%400 == 0)

printf("%d is a leap year.", year);

else

printf("%d is not a leap year.", year);

}

else

printf("%d is a leap year.", year );

}

else

printf("%d is not a leap year.", year);

return 0;

}

**Code:**

*#since there are four files of code, theres no point in copying it here.*

**Screenshot:**







