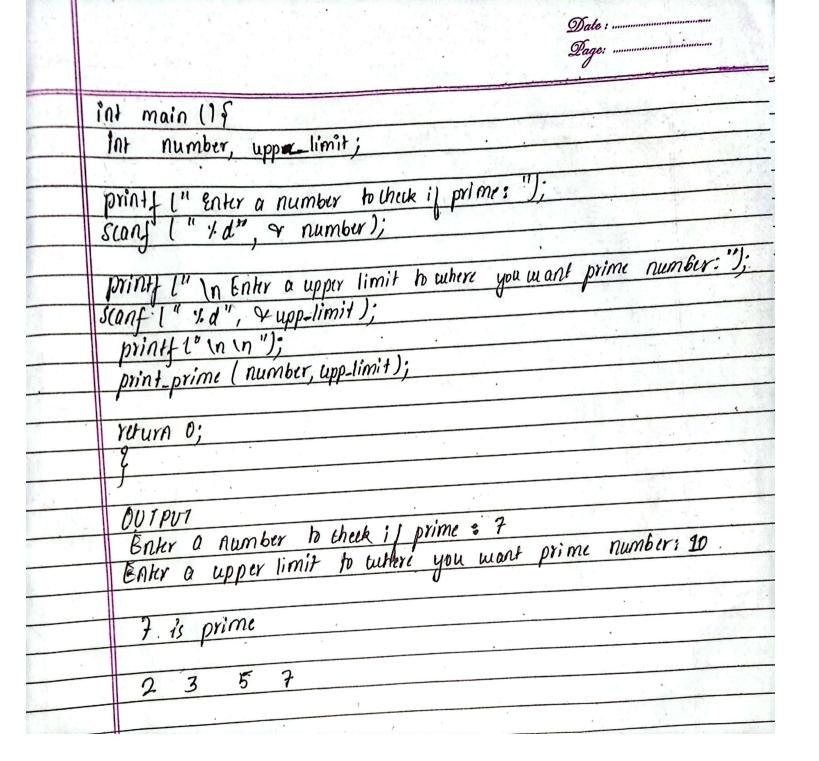
Λ	INDO I I Chino has				
1)	WAP to display nth element of fibonació series using récursive				
	function.				
	the same is the first that				
	# include < staio.h7				
	The same of the sa				
	int find-fibonaui (int n)?				
17.11	if (n = 0)				
7	return o;				
	garrio,				
	else il $(n=1)$ §				
1 - 1-0	else if $(n==1)$ \mathcal{E} return 1;				
	4				
	else f				
	return find_fibonacci (n-1) + find_fibonacci (n-2); 4				
	12				
	inf main () int n;				
	the state of the s				
	sign! 1" 16 d" 9n);				
	int num = hind-tibonacci (n);				
195	print [" Enter mi " number "); scanf [" '. d", & n); int num = find_fibonacci (n); print [" The Leath to '-dth term of fibonaici series: '.d", n, num);				
	Catago .				
-	If the indexing of fibonacii series starts with o so first				
	H element is given when n = 0.				
Ti.	1. William 15 June				
	return 0;				
	4				

Output:
Enter the nth number: 5
The 5th term of fibonacii series: 5

```
prime or not and
Write a function to thank whether the number is the that function to print prime numbers from
 I to n entered by user.
#include < Stdlo.h>
void
       print_prime ( int num, int upper ) of
   int
        count = 0;
   for lint i= 1; ix= num;
         i] (num 1. i == 0)
                    Wunt ++;
     (want ==2) $
                     'ld is prime
 Use
        printf (" "Id is not prime.", num
            lnin
      count 20
                       Lount 2 ++
        (10 un+2 = = 2) of
      tount 2 = 0:
```



```
Write a program using recursion to compute the sum of the following series:

12-22+32-42--+ (-1)^n+1 n2

Date
  without using power function. You should read the value of in from user
Findude LStdio. h7
 int power (int num, int p) $
    else
         return num * power ( num, p-1);
      sum_{-0} = 0)  { (int n) }
                 refurn 0;
      else of
         Yeturn power (-1, n+1) * power(n,2) + sum-of-series tn-1);
   int
         main () &
       printf 1" Enter the number of terms: ");
stonf (". 1. d", &n);
        int sum = sum_of-scries (n);
printf 1" 1.d", sum);
          return 0;
```

Enter the number of terms: 3

4	Date :
_	#include <stdio.h></stdio.h>
4	# include < math. h7
	No. 1 C
	float frequency (float r, float 1, float c) { return sgrt ((1 / (1*()) - ((r * r)/(4*(*())));
	return sgrt ([(1*()) - ((r * r)) (4 * (* ())))
17.31	
100	for main () \$
A CONTRACT	
	printf!" Enter the value of inductance and resistance: ");
	print f (" 'Inter the value of inductionie and resistance: "); scanf (" 'I.f"), Y J, Y Y); print (" Industries It Ruickness It (appliforms It Frequency ID");
	printf [" Inductance It Ruistance It Capacitance It Frequency In");
	1 (11) *
	for (float i = 0.01; i <= 0.1; i+= 0.01) &
7- 1	float (=i; float freq = frequency (r, L, C); printf (" 1.3f t t +.3f t t +.3 t t + f \n", l, r, l, freq);
	orinte 1" 1. 35 11 1 + 1. 35 11 1 + 1.3 1+ 1 + 16 10" 1. 1. (1849)
	g production of the production
	return 0;
	3
·	

4		-	^	
Π	/}	1	IJ	17
U	U	//	·	17

	enter me vai	ue of industance and	Territance: 0.05	A STATE OF THE STA
	0.2		THE STATE OF THE S	
	Inductance	Rejistance	Capacitance	Frequency
	0:050	0.200	0.010	43.589
	0.050	0.200	0-020	81.225
S	0.050	0.200	0.030	25.604
	0.050	0.200	0.040	22.220
•	0.050	0.200	0.080	19.900
	0.050	0.200	0.060	18.181
10000	0.050	0.200	0.0%	16.849
	0.050	0.200	0.080	15.762
1	0.050	0.200	0.090	14.866
1	0.050	0.200	0.100	14.107
1				