first scriction will (sind geneme) Reg No. ICE annea - 2030 Date : On July acon DEMICAL EXAMINATION JUNE-JULY 8031 Time DOMENIAI PREGRAMMING LAB Bakli-11 (9.1) Generales Fibonacci Soiles of N lums Program: n: Int (inpet ("Enter the number of terms:"); fi, la = 0,1 P3 = fit fo Print ("Fibonacci Sunes of linst", n, "lum is!), Pnint (Pi) Print (Pa) Sen i in monge (3, 1711);

Algonithm

Step-1: Bloth.

Step 2: Declare variables lila and give values

o and 1

Step 3: Declare l3 = fit fa

Step 4: Print fi and fa

Print (F3)

P1= P2

f = f3

fa = 1,+ fa

5100 5 : Read the mange and stone in 17, Declare 1=3 5100 6 : Repeating the stone until 1511 5/10 11 point la 5/10 5 fr: la 5/10 9 fr: la = la 6/10 10 : la = li + la 6/10 11 : i + = 1 5/10 12 : 5/00

## Culput:

Enter the number of lums 16 Fibonacci suies of first 6 tum 15:

0--295

and second, ovuload to puration to find Sum of a time.

program: class lime:

clef init (self, himis);

Self. hin = hi

Self. min = mi

Self. Sec = S

clef oct (self, other):

lemp sec = self. sec + other. sec

Jempmin = lempsec/60

```
self.min : Self.min 1 offermint lummin
   Jemphy : Stl. nom / 60
    Self imin: Int (oelf. min 1.60)
   Self. hn = int (self. lm tollium tin tollium)
   nation lime (self-ling, self-min, self-sec)
   del sin (self):
    nuluin sin (selfihn) 1 hn 1 sin (selfimin) 1 min' 1 sin (selfise)
    a = int (input ("Enloy hown of ti"))
    b: mt Conput C"Enlor monute of 11:1)
    c: Int (input (" Entor Second of Li"))
    x = 174 (Input ("Entor how of 12:"))
    Y = int (input ("Color immute of to: ))
   2 : Inh (input ("Enlor second of to"))
    4, = 4 me(a,b,c)
    Ed = lime (2,4,2)
     Daint ( 41 ta).
```

## Algorithm Step 1: Shut Skp 2: Declare variables a,b,c,x,g,z

Step 3: Reach value of hour ti into a step 4: Reach value of hour of to into t step 5: Reach value of hour of to into x step 6: Reach value of hour of to into x step 6: Reach value of minute of to into x step 7: Reach value of minute of to into x

Stup 8: Parock value of Second of La mooz

Stip q: 6 = time (a,b,c)

Stip 10: ta: (ime (x, y, z)

Slip II: point values did to

Output

Enter topic of 1:1

Enter minute of 1:23

Enter second of 1:20

Enter minute of 1:23

Enter minute of 1:23

Enter minute of 1:23

Enter minute of 1:31

How 45 min 41 Sec