1.00 to 4 pm 20 NCA 131
2/07/21
Regraning lab

ICE20 MCA 2028

B. 1. Generale Fibonacii Series of N terms.

2. Create a class time with private attailutes, hour,
Minute and Second. Overload topesator to find
Som of 2 time.

1. n=int ("put ("Enta the number of tams."))

f1,f0=0,1

f3=f11f2

Pent ("Fibonaui Series of first", n, "terms is.")

Print (f1)

Print (f2)

for i in range (3, n+1)

Print (f3)

f1=f2

f2=f3

f3=f1+f2.

```
Algoritus
Step 1 - Start
Sepa: Declare variable f. ffa and initialis of 1 respectively.
Ptep3: Dellar Kariable f3 = f1+ f2
Step4: Print fi &f2.
Step 5. Read the sampe of store in n, declare i = 3.
 Step6: Repeat Dep 7 to 12 will iEu.
 Skp7: peint f3
Steps: fi=f2
 $1909: f2=13
 Step 10: f3 = fitte
 Step 11: 1 += 1
 Stop 12: 8top.
espected output
enter the number of 19ms: 6
fibonali series of 6 terms is
 tested output
 enter the number of teams : 7
 . Sibonacci series of + ferms:
```

2. class time: definit (self, h.m.s): self-hr=h Self-min = m self sc= se def add (self, other); tempsee = self. sec + other. see terpmin self-min + 8 ton min terp. min = kup see/60 self see = int (tenpsee 9060) self-min = Self-min + other min + terpunin terphy=self. min/60 Self. min = ind (self. min 16 60) Self-hr=in (self. br+ other. hr+ terphr) suturn time (self. hr, self. mi, self. see) def str (self): return Str (self.ha) + "ha" + str (self-min) + omin' + Sty (self-sec) + see' a = ind (input ("Enter how of ti")) b = ind (ruput ("Enlee min of (:")) (= ind(input ("Enter sec of ti:")) X = int (input ("Enles hous of ta")) Y= let (inped("Ender min of ta:")) Z= int (input ("(the Sec of to:")) ti=time (a, b, c) tz - time (x, 7, 7) prod (titta)

Algorithm 8tep 1: Start ctopa: Dellare a class time Step 3: Define a method with altributer h, in \$ s initialize, self hr= h self. min= m self. see= s. Define a method add with affribute other Dellare variable tempseco self. sel + other-sec Declar variable tempnin = 1 empree/60 and Self-sec=integer of (leapsee 1660) self. min = self-win+ other min+ temp. mh tempho= self min/60 self. Min = inlegar of (sef. min 7.60) self. hr = integer of (self. hat other hat temp. ha) se tre time (self. has to there has tep. has) Setuen Stry (Stiff. hr) + hr'+ Stry of Self. win)+ 'mia' + stry (self. see) + 'see'. Steps: Stop. Main Step 2: Steat Value of hour of t, minute and Seconds of to Step3: Read Value of hove, minute and second of Step 4. call clan time with attributes 9. b, c of x, y, z. into which it returned to variable tifts expertisely 8495; print titta

offerted output.

contented output.

contented output.

enter how of ti:1

enter humanter of ti:20

enter seconds of ti:30

enter hove of ta:1

enter remuter of ta:15

enter seconds of ta:15

2 hor 40 min 45 sec.

enter home of ti: 1

enter home of ti: 1

enter see of ti: 10

enter see of ti: 3

enter see of ta: 3

enter see of ta: 31

Ahr Asmin Aplsec