```
16/09/2025, Truesday
=> fibonacci series using while
    Sum of ets 2 previous continuous values
# Emilized from 0 & 1 > 0,1,1,2,3,5,8, 13,21,34
                                                             5= 1+2=3
                                                    5=1+1=2
  a, 6 = 0, 1
                                            8=0+1
                                                    a=1
  100
                                            a=1
                                                             6=3
                                                    6-2
   while ( 2 = 10):
                                            6=1
                                    6 = 5
                                           print(a)=1 (a) =1 (a) =2
    frout (a)
     S=atb
                                                5=3+5=8
                                     S= 2+3=5
                              21
                                                  a = 5
                                     a=3
      6-5
                                     6=5
                                                  6=8
                             34
                                                            (a) = 8
      1+=1
                             55
                                                 (a) = 5
                                     (a) = 3
> Iwap 2 mg.s
 a=5
                          75
 probert (a, b)
 a,6=6,a
 point (a, b
=> DAP to calculate the sum of degets without I'm wing while loop
                                             25 18 11 110 12 05xit 10 C
  loke 257 = 2+5+7=14
```

41

```
num = ent (enpute))
  Sum - déglés = 0
   while (mm > 0):
      digit = rum %.10 # to get last digit o
      sum-degets += deget # to add degets to sum
                          # to remove last digit
      num = num1/10
  prent ("Sum of dégits;", sum - digits)
       25770
                                               276
                               2570
    257 1/010 = 7
                                            27,10=2
                           25%10=5
     0+7=7
                                            12+2=(4)
                            7+5=12
     257/10=28
                           25/110=2
                                           2//10 =0
        Sum of plights: 14
 (7) for loop enside for loop
                            # outer loop
 for ten range();
for ten range():
                           # Enner loop
    st of emer loop
St of outer loop
To prent tables
for & en sange (1, 11, -1):
                                   9=1
                                   j=1,2,3,4,5,6,7,8,9,10
    for j'en range (2,11,1):

provid (i * j) end = "\t")
                                   j=1.23.....10
    point ()
                                   j=1,2,3....10
                          for i'n range (1,6,1):
                  10
                              for j'in range (1,6,1):
                                 if((i*j) %.2 = =0):
                   20
         12
4
                                     paint (i*j, end = "It")
              20
                                      polnt (" ", end = " (+")
                               print ()
```