I-40

Shashamica shelehow Dass 17BCE1325

1) Pump A takes A minutes B takes B minute

In I min, Rung A can pump 1/A walen let valm, I be town V

in Aga Imi, both shur toget

$$\therefore \text{ Total fime} = \boxed{1 + \sqrt{-\sqrt[4]{A}}}$$

$$2 + 13$$

: 'We can't make a general ALP progra.

we can also take values of V, A&B from memory to

ALP

SUB PORCE AX, OX
MOV DX, AX

PART BOXINGON CARRY

KOD

$$D\lambda > \Lambda$$

$$C\lambda = 0$$

$$B\lambda = \lambda$$

$$A\lambda = \lambda$$

VAV

11 AV-V

1-vA=xQ1

A = xen

11 Ax = Ax+B

11 Bx = B(12+13)

Scanned by CamScanner

Dascoald

NON BX DX

NON BX, BX

INC BX, BX

11 Receive second 11

11 BX = A(A+B)

11 Ax = AV-1

3N2 11

11 Always puis los.

Fib:

MOV CL, AL ADD CLIBZ

MOV BL, AL

11 To check even

SHR CL,)

suc ne

INC CH.

CMP CH,4

JNC ne

SHL CL,) has

ADD AH, LL

no!

IN MASHE CLY)

12 of War INC CH

CMP CH, 100 11 100 H 12. 256 Sihi rec wi

00 B 25 WAF

cau Fib

NXF. Res

CH, G Mar

HOV BLOD

MON ALII

Nov BM1 0

Cash Flb

Scanned by CamScanner

11 Firding Sibonacci hum

11 6 June Check LSB

11 SMI to get back the mi

he found

11 To . Check mother

3 = 121)